

## Appendix F – Summary Statistics and Comparison to Standards

### F.1 Introduction

This Appendix presents the summary statistics that were calculated for each EU as well as the comparison between of the resulting exposure point concentrations and the cleanup levels and remediation levels which are described in Chapter 3.

### F.2 Summary Statistics For Each Evaluation Unit

The summary statistics for each EU are presented in Tables F-1 through F-48 as follows:

Table F-1 – Commercial Evaluation Unit 1 (0 to <=1 foot)	Table F-25 – Golf Course Evaluation Unit 4 (0 to <=1 foot)
Table F-2 – Commercial Evaluation Unit 1 (>1 to <=15 feet)	Table F-26 – Golf Course Evaluation Unit 4 (>1 to <=15 feet)
Table F-3 – Commercial Evaluation Unit 2 (0 to <=1 foot)	Table F-27 – Golf Course Evaluation Unit 5 (0 to <=1 foot)
Table F-4 – Commercial Evaluation Unit 2 (>1 to <=15 feet)	Table F-28 – Golf Course Evaluation Unit 5 (>1 to <=15 feet)
Table F-5 – Commercial Evaluation Unit 3 (0 to <=1 foot)	Table F-29 – Golf Course Evaluation Unit 6 (0 to <=1 foot)
Table F-6 – Commercial Evaluation Unit 3 (>1 to <=15 feet)	Table F-30 – Golf Course Evaluation Unit 6 (>1 to <=15 feet)
Table F-7 – Commercial Evaluation Unit 4 (0 to <=1 foot)	Table F-31 – Golf Course Evaluation Unit 7 (0 to <=1 foot)
Table F-8 – Commercial Evaluation Unit 4 (>1 to <=15 feet)	Table F-32 – Golf Course Evaluation Unit 7 (>1 to <=15 feet)
Table F-9 – Commercial Evaluation Unit 5 (0 to <=1 foot)	Table F-33 – Golf Course Evaluation Unit 8 (0 to <=1 foot)
Table F-10 – Commercial Evaluation Unit 5 (>1 to <=15 feet)	Table F-34 – Golf Course Evaluation Unit 8 (>1 to <=15 feet)
Table F-11 – Commercial Evaluation Unit 6 (0 to <=1 foot)	Table F-35 – Golf Course Evaluation Unit 9 (0 to <=1 foot)
Table F-12 – Commercial Evaluation Unit 6 (>1 to <=15 feet)	Table F-36 – Golf Course Evaluation Unit 9 (>1 to <=15 feet)
Table F-13 – Commercial Evaluation Unit 7 (0 to <=1 foot)	Table F-37 – Historical Evaluation Unit 1 (0 to <=1 foot)
Table F-14 – Commercial Evaluation Unit 7 (>1 to <=15 feet)	Table F-38 – Historical Evaluation Unit 2 (0 to <=1 foot)
Table F-15 – Commercial Evaluation Unit 8 (0 to <=1 foot)	Table F-39 – Historical Evaluation Unit 3 (0 to <=1 foot)
Table F-16 – Commercial Evaluation Unit 8 (>1 to <=15 feet)	Table F-40 – Industrial Evaluation Unit 1 (0 to <=1 foot)
Table F-17 – Commercial Evaluation Unit 9 (0 to <=1 foot)	Table F-41 – Industrial Evaluation Unit 1 (>1 to <=15 feet)
Table F-18 – Commercial Evaluation Unit 9 (>1 to <=15 feet)	Table F-42 – Open Space Evaluation Unit 1 (0 to <=1 foot)
Table F-19 – Golf Course Evaluation Unit 1 (0 to <=1 foot)	Table F-43 – Open Space Evaluation Unit 2 (0 to <=1 foot)
Table F-20 – Golf Course Evaluation Unit 1 (>1 to <=15 feet)	Table F-44 – Open Space Evaluation Unit 2 (>1 to <=15 feet)
Table F-21 – Golf Course Evaluation Unit 2 (0 to <=1 foot)	Table F-45 – Open Space Evaluation Unit 3 (0 to <=1 foot)
Table F-22 – Golf Course Evaluation Unit 2 (>1 to <=15 feet)	Table F-46 – Open Space Evaluation Unit 3 (>1 to <=15 feet)
Table F-23 – Golf Course Evaluation Unit 3 (0 to <=1 foot)	Table F-47 – Open Space Evaluation Unit 4 (0 to <=1 foot)
Table F-24 – Golf Course Evaluation Unit 3 (>1 to <=15 feet)	Table F-48 – Open Space Evaluation Unit 4 (>1 to <=15 feet)

### F.3 Statistical Formulas Used To Calculate the Summary Statistics

This section presents the statistical formulas that were used to calculate the summary statistics presented in Tables F-1 through F-48.

#### F.3.1 Geometric Mean

Returns the mean value of the natural logarithm transformed values. The geometric mean is calculated as follows:

$$\hat{m} = e \left( \bar{y} + \frac{s_y^2}{2} \right)$$

#### F.3.2 Logarithmic Upper Confidence Limit for the Mean

Returns the one-sided natural logarithm upper confidence limit on the mean. The upper confidence limit on the lognormal mean is calculated as follows:

$$UL_{1-a} = e \left( \bar{y} + 0.5 s_y^2 + \frac{s_y H_{1-a}}{\sqrt{n-1}} \right)$$

Values of the H statistic not found in the lookup table were calculated using 4-Point Lagrangian Interpolation. Lagrangian interpolation is calculated as follows:

$$y_i = \sum_{i=0}^n \frac{H_n(X)}{(X - X_i) II'(X_i)} y_i, \quad i = 0, 1, \dots, n,$$

$$II(x) = (X - X_0)(X - X_1) \cdots (X - X_n)$$

$$II'(X) = \frac{d}{dx} II_n(X)$$

### **F.3.3 Mean (arithmetic)**

Returns the arithmetic mean of the values. The mean is calculated as follows:

$$\bar{X} = \sum \frac{X_i}{n}$$

### **F.3.4 Median**

Returns the median value of the distribution. The median is the value that divides a distribution exactly in half. The median is also referred to as the 50th percentile. The median is calculated as follows:

1. Order data from lowest to highest to obtain sample order statistics.

$$X_{[1]} \leq X_{[2]} \leq \cdots \leq X_{[n]}$$

2. If  $n$  is odd the sample median is the  $\frac{(n+1)}{2}$ th value.
3. If  $n$  is even the sample median is the average of the  $\frac{n}{2}$ th and the  $\frac{(n+2)}{2}$ th values.

### **F.3.5 Maximum Detected Value**

Returns the maximum detected value in the distribution.

### **F.3.6 Maximum Non-Detected Value**

Returns the maximum non-detected value in the distribution.

### **F.3.7 Minimum Detected Value**

Returns the minimum detected value in the distribution.

### **F.3.8 Minimum Non-Detected Value**

Returns the minimum non-detected value in the distribution.

### **F.3.9 Mode**

Returns the most frequently occurring score in the distribution.

### F.3.10 Sample Standard Deviation

The standard deviation returns the deviation of the sample distribution. The sample standard deviation is calculated as follows:

$$s = \sqrt{\frac{SS}{n-1}}$$

Where,

$s$	=	Sample standard deviation
$SS$	=	Sum of Squared deviations
$n$	=	Number of scores in the sample

The sum of squared deviations is calculated using the following formula:

$$SS = \sum X_i^2 - \frac{(\sum X_i)^2}{N}$$

### F.3.11 Upper Confidence Limit for the Mean

Returns the one-sided upper confidence limit on the mean using the following formula. The t-statistic is used to estimate the location of the mean in a sample distribution when the population standard deviation ( $s$ ) and the population mean ( $\mu$ ) are unknown. The t-statistic is calculated as follows:

$$\mu = \bar{X} \pm ts_{\bar{x}}$$

The standard error of a distribution of sample means is calculated as follows.

$$s_{\bar{x}} = \frac{s}{\sqrt{n}}$$

How well the sample standard deviation ( $s$ ) estimates the population standard deviation depends mainly on sample size, which is described in terms of degrees of freedom. The degrees of freedom describes the number of scores in a sample that are free to vary. The degrees of freedom is calculated as follows.

$$df = n - 1$$

### F.3.12 Distribution Tests

#### Shapiro and Wilk Test (W Test)

The W statistic tests the null hypothesis ( $H_0$ ) that the data have been drawn from a normal distribution. The alternative ( $H_1$ ) is that the underlying population is not normally distributed. This test is applicable when the sample size is  $\leq 50$ . The W statistic is calculated as follows:

1. Compute the denominator of the W test statistic

$$d = \sum_{i=1}^n (X_i - \bar{X})^2$$

2. Order data from lowest to highest to obtain sample order statistics.

$$X_{[1]} \leq X_{[2]} \leq \dots \leq X_{[n]}$$

Where,

$X_{[1]}$	=	Lowest score
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$$X_{[n]} = \text{Highest score}$$

3. Compute  $K$ .

$$K = \frac{n}{2} \text{ if } n \text{ is even}$$

$$K = \frac{n-1}{2} \text{ if } n \text{ is odd}$$

4. Get coefficients for  $a_i$  from a lookup table based on the K value.

5. Compute W statistic

$$W = \frac{1}{d} \left[ \sum_{i=1}^K a_i (X_{[n-i+1]} - X_{[i]}) \right]^2$$

6. Reject  $H_0$  at the  $\alpha$  significance level (an  $\alpha$  of 0.05 was used) if W is less than the quantile provided in the lookup table.

**Note:** To test the Null Hypothesis

$H_0$ : The population has a lognormal distribution  
 versus  
 $H_1$ : The population does not have a lognormal distribution

The W Test can also be used to test the null hypothesis ( $H_0$ ) that the data have been drawn from a lognormal distribution by using  $Y_i = \ln X_i$  in place of  $X_i$  in the calculations.

#### D'Agostino's Test

The D statistic is a compliment to the W Test in that it also tests the null hypothesis of normality or lognormality. However the D statistic is applicable to sample sizes between 50 and 1,000. The D statistic is calculated as follows:

1. Order data from lowest to highest to obtain sample order statistics.

$$X_{[1]} \leq X_{[2]} \leq \dots \leq X_{[n]}$$

Where,

$$X_{[1]} = \text{Lowest score}$$

$$X_{[n]} = \text{Highest score}$$

2. Compute the D statistic.

$$D = \frac{\sum_{i=1}^n [i - \frac{1}{2}(n+1)] X_{[i]}}{n^2 S}$$

Where,

$$S = \left[ \frac{1}{n} \sum_{i=1}^n (X_i - \bar{X})^2 \right]^{\frac{1}{2}}$$

3. Transform D to the Y statistic by performing the following computation.

$$Y = \frac{D - 0.28209479}{0.02998598 \div \sqrt{n}}$$

4. Reject at the  $\alpha$  significance level (an  $\alpha$  of 0.05 was used) the null hypothesis that the data were drawn from a normal distribution if Y is less than  $\frac{\alpha}{2}$  quantile or greater than the  $1 - \frac{\alpha}{2}$  quantile distribution of Y. The quantiles are obtained from a lookup table.

Values of quantities of the y statistic not found in the lookup table are calculated using linear interpolation. Linear interpolation is performed as follows:

$$fp = (1 - p)f_o + pf_1,$$

$$p = \frac{(X - X_o)}{(X_1 - X_o)}$$

**Note:** The Y statistic can also be used to test the null hypothesis of a lognormal population by using  $Y_i = \ln X_i$  in place of  $X_i$  in the calculations.

#### F.4 Comparison to Standards

The MTCA RME concentrations that are presented in Tables F-1 through F-48 were compared to land use specific cleanup levels and remediation levels. Only constituents of concern that were evaluated in Chapter 4 of the RA were compared to the cleanup levels and remediation levels. Tables F-49 through F-53 present the EU and constituent-specific evaluation of the MTCA RME concentrations to the cleanup levels and remediation levels as well as an evaluation of the MTCA three-fold criteria. The tables are organized as follows:

- Table F-49 – Comparison of Commercial EUs to Soil Cleanup Levels and Remediation Levels
- Table F-50 – Comparison of Golf Course EUs to Soil Cleanup Levels and Remediation Levels
- Table F-51 – Comparison of Historical EUs to Soil Cleanup Levels and Remediation Levels
- Table F-52 – Comparison of Industrial EU to Soil Cleanup Levels and Remediation Levels
- Table F-53 – Comparison of Open Space EUs to Soil Cleanup Levels and Remediation Levels



**Table F-1 - Commercial Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Nitroglycerine	mg/kg	3	33.33	0.24	8.50	1.10	1.10	1.82	1.10	
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	58	100.00			1.70	370.00	34.62	18.00	
Copper	mg/kg	10	100.00			2.20	37.00	15.81	11.50	
Lead (and compounds) (inorganic)	mg/kg	74	95.95	5.00	6.40	7.40	3300.00	266.02	130.00	
Mercury (inorganic)	mg/kg	11	63.64	0.08	0.11	0.10	3.20	1.11	0.32	
<b>PAHs</b>										
Benzo(a)Pyrene	mg/kg	4	75.00	0.02	0.02	0.07	1.10	0.47	0.39	
Benzo(b)Fluoranthene	mg/kg	4	75.00	0.02	0.02	0.06	0.79	0.36	0.31	
Benzo(g,h,i)Perylene	mg/kg	4	100.00			0.08	4.90	2.31	2.13	
Benzo(k)Fluoranthene	mg/kg	4	25.00	0.02	0.37	0.03	0.03	0.08	0.06	
Chrysene	mg/kg	4	75.00	0.18	0.18	0.10	0.70	0.25	0.11	
Phenanthrene	mg/kg	4	25.00	0.01	0.19	0.03	0.03	0.04	0.04	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	14	57.14	20.00	20.00	24.00	10000.00	1826.00	62.00	10.00

**Table F-1 - Commercial Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Nitroglycerine	mg/kg	2.16	2.84	1.10	0.82	5.46	434018116032	Normal/Lognormal
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	61.22	40.09	46.05	17.58	48.16	46.05	Lognormal
Copper	mg/kg	12.28	18.54	37.00	11.29	22.93	43.29	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	470.00	303.11	451.12	117.23	357.31	451.12	Unknown
Mercury (inorganic)	mg/kg	1.34	1.39	3.20	0.33	1.84	33.01	Unknown
<b>PAHs</b>								
Benzo(a)Pyrene	mg/kg	0.52	0.67	1.10	0.16	1.09	69392546.79	Normal/Lognormal
Benzo(b)Fluoranthene	mg/kg	0.38	0.50	0.79	0.13	0.80	4990707.82	Normal/Lognormal
Benzo(g,h,i)Perylene	mg/kg	2.55	3.28	4.90	0.70	5.31	304566161.71	Normal/Lognormal
Benzo(k)Fluoranthene	mg/kg	0.08	0.11	0.03	0.05	0.17	50.14	Normal/Lognormal
Chrysene	mg/kg	0.30	0.37	0.70	0.17	0.60	9.58	Lognormal
Phenanthrene	mg/kg	0.04	0.06	0.03	0.03	0.09	25.34	Normal/Lognormal
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	3246.25	2428.11	10000.00	122.40	3362.51	871054.56	Unknown

**Table F-2 - Commercial Evaluation Unit 1 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Monomethylamine Nitrate	mg/kg	7	0.00	5.20	5.90			2.76	2.75	
Nitroglycerine	mg/kg	11	0.00	0.21	0.23			0.11	0.11	0.11
Trinitrotoluene, 2,4,6-	mg/kg	17	0.00	0.003	0.006			0.002	0.002	0.002
Arsenic (inorganic)	mg/kg	14	100.00			0.94	21.00	5.56	2.65	
Copper	mg/kg	8	100.00			0.96	47.00	11.70	9.05	
Lead (and compounds) (inorganic)	mg/kg	54	79.63	4.20	10.00	5.80	1300.00	103.36	37.50	
Mercury (inorganic)	mg/kg	12	25.00	0.08	0.11	0.13	0.93	0.14	0.05	
Aldrin	mg/kg	1	0.00	2.39	2.39			1.20	1.20	
Benzo(a)Anthracene	mg/kg	6	0.00	0.02	0.37			0.07	0.05	
Benzo(a)Pyrene	mg/kg	6	0.00	0.02	0.37			0.07	0.05	
Benzo(b)Fluoranthene	mg/kg	6	0.00	0.02	0.37			0.07	0.05	
Benzo(g,h,i)Perylene	mg/kg	6	0.00	0.02	0.37			0.07	0.05	
Benzo(k)Fluoranthene	mg/kg	6	0.00	0.02	0.37			0.07	0.05	
Chrysene	mg/kg	6	16.67	0.02	0.37	0.02	0.02	0.07	0.06	
Dibenz(a,h)anthracene	mg/kg	6	0.00	0.04	0.37			0.07	0.06	
Indeno(1,2,3-cd)pyrene	mg/kg	6	0.00	0.02	0.37			0.07	0.05	
Methylnaphthalene, 2-	mg/kg	3	0.00	0.18	0.37			0.12	0.10	
Phenanthrene	mg/kg	6	0.00	0.009	0.37			0.06	0.05	
Motor Oil	mg/kg	1	100.00			3000.00	3000.00	3000.00	3000.00	
TPH (418.1)	mg/kg	19	36.84	20.00	22.00	30.00	1800.00	126.08	10.00	10.00
Oil And Grease	mg/kg	14	35.71	20.00	27.00	26.00	630.00	106.75	10.00	10.00

**Table F-2 - Commercial Evaluation Unit 1 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Geometric Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
Monomethylamine Nitrate	mg/kg	0.11	2.79		2.76	2.84	2.84	Normal/Lognormal
Nitroglycerine	mg/kg	0.003	0.11		0.11	0.11	0.11	Unknown
Trinitrotoluene, 2,4,6-	mg/kg	0.0003	0.002		0.002	0.002	0.002	Unknown
Arsenic (inorganic)	mg/kg	6.30	6.73	10.53	3.58	8.54	10.53	Lognormal
Copper	mg/kg	14.75	15.40	47.00	6.74	21.58	67.84	Lognormal
Lead (and compounds) (inorganic)	mg/kg	210.43	122.86	236.79	30.20	151.59	236.79	Lognormal
Mercury (inorganic)	mg/kg	0.25	0.19	0.24	0.07	0.27	0.24	Unknown
Aldrin	mg/kg				1.20			Unknown
Benzo(a)Anthracene	mg/kg	0.07	0.09		0.03	0.12	2.95	Normal/Lognormal
Benzo(a)Pyrene	mg/kg	0.07	0.09		0.03	0.12	2.95	Normal/Lognormal
Benzo(b)Fluoranthene	mg/kg	0.07	0.09		0.03	0.12	2.95	Normal/Lognormal
Benzo(g,h,i)Perylene	mg/kg	0.07	0.09		0.03	0.12	2.95	Normal/Lognormal
Benzo(k)Fluoranthene	mg/kg	0.07	0.09		0.03	0.12	2.95	Normal/Lognormal
Chrysene	mg/kg	0.07	0.09	0.02	0.04	0.13	1.54	Normal/Lognormal
Dibenz(a,h)anthracene	mg/kg	0.07	0.09		0.05	0.13	0.54	Normal/Lognormal
Indeno(1,2,3-cd)pyrene	mg/kg	0.07	0.09		0.03	0.12	2.95	Normal/Lognormal
Methylnaphthalene, 2-	mg/kg	0.05	0.15		0.12	0.21	0.56	Normal/Lognormal
Phenanthrene	mg/kg	0.07	0.09		0.02	0.12	28.29	Normal
Motor Oil	mg/kg			3000.00	3000.00			Unknown
TPH (418.1)	mg/kg	408.88	190.62	178.62	23.08	288.73	178.62	Unknown
Oil And Grease	mg/kg	210.17	145.73	417.52	26.36	206.23	417.52	Unknown

**Table F-3 - Commercial Evaluation Unit2 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Arsenic (inorganic)	mg/kg	165	98.18	2.00	2.50	1.60	120.00	32.57	30.00	
Copper	mg/kg	2	100.00			14.00	42.00	28.00	28.00	
Lead (and compounds) (inorganic)	mg/kg	150	100.00			4.40	330.00	55.07	38.00	
Mercury (inorganic)	mg/kg	2	50.00	0.08	0.08	0.50	0.50	0.27	0.27	
TPH (418.1)	mg/kg	1	0.00	21.00	21.00			10.50	10.50	

**Table F-3 - Commercial Evaluation Unit2 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Geometric Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
Arsenic (inorganic)	mg/kg	21.04	33.68	40.51	25.24	35.28	40.51	Unknown
Copper	mg/kg	19.80	42.00	42.00	24.25	116.40	522469290.24	Unknown
Lead (and compounds) (inorganic)	mg/kg	52.06	57.95	64.36	38.46	62.12	64.36	Lognormal
Mercury (inorganic)	mg/kg	0.32	0.50	0.50	0.14	1.72	.11346667365	Unknown
TPH (418.1)	mg/kg				10.50			Unknown

**Table F-4 - Commercial Evaluation Unit 2 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Arsenic (inorganic)	mg/kg	4	100.00			1.20	3.60	2.03	1.65	
Copper	mg/kg	4	100.00			13.00	18.00	14.75	14.00	13.00
Lead (and compounds) (inorgan	mg/kg	4	75.00	5.30	5.30	16.00	39.00	19.41	18.00	
Mercury (inorganic)	mg/kg	4	0.00	0.08	0.10			0.04	0.04	
TPH (418.1)	mg/kg	4	50.00	22.00	22.00	39.00	140.00	50.25	25.00	11.00

**Table F-4 - Commercial Evaluation Unit 2 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Geometric Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
Arsenic (inorganic)	mg/kg	1.08	2.44	3.60	1.85	3.29	5.44	Normal/Lognormal
Copper	mg/kg	2.36	15.65	18.00	14.62	17.53	18.23	Normal/Lognormal
Lead (and compounds) (inorgan	mg/kg	15.02	25.16	39.00	13.49	37.08	4079.32	Normal/Lognormal
Mercury (inorganic)	mg/kg	0.004	0.05		0.04	0.05	0.05	Normal/Lognormal
TPH (418.1)	mg/kg	61.27	73.69	140.00	28.51	122.34	17175.50	Normal/Lognormal

**Table F-5 - Commercial Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	59	100.00			7.00	350.00	40.44	21.00	
Copper	mg/kg	2	100.00			16.00	66.00	41.00	41.00	
Lead (and compounds) (inorganic)	mg/kg	33	96.97	7.00	7.00	20.00	3800.00	367.86	140.00	
Mercury (inorganic)	mg/kg	2	50.00	0.11	0.11	0.36	0.36	0.21	0.21	
<b>PAHs</b>										
Benzo(a)Pyrene	mg/kg	1	100.00			0.10	0.10	0.10	0.10	
Benzo(b)Fluoranthene	mg/kg	1	100.00			0.14	0.14	0.14	0.14	
Benzo(g,h,i)Perylene	mg/kg	1	100.00			0.09	0.09	0.09	0.09	
Benzo(k)Fluoranthene	mg/kg	1	100.00			0.04	0.04	0.04	0.04	
Chrysene	mg/kg	1	100.00			0.12	0.12	0.12	0.12	
Indeno(1,2,3-cd)pyrene	mg/kg	1	100.00			0.07	0.07	0.07	0.07	
Phenanthrene	mg/kg	1	100.00			0.09	0.09	0.09	0.09	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	1	100.00			450.00	450.00	450.00	450.00	

**Table F-5 - Commercial Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	51.71	45.03	48.36	26.90	51.78	48.36	Lognormal
Copper	mg/kg	35.36	66.00	66.00	32.50	198.85	630645422379	Unknown
Lead (and compounds) (inorganic)	mg/kg	682.54	449.01	852.32	142.12	569.49	852.32	Lognormal
Mercury (inorganic)	mg/kg	0.22	0.36	0.36	0.14	1.17	.70757628715	Unknown
<b>PAHs</b>								
Benzo(a)Pyrene	mg/kg			0.10	0.10			Unknown
Benzo(b)Fluoranthene	mg/kg			0.14	0.14			Unknown
Benzo(g,h,i)Perylene	mg/kg			0.09	0.09			Unknown
Benzo(k)Fluoranthene	mg/kg			0.04	0.04			Unknown
Chrysene	mg/kg			0.12	0.12			Unknown
Indeno(1,2,3-cd)pyrene	mg/kg			0.07	0.07			Unknown
Phenanthrene	mg/kg			0.09	0.09			Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg			450.00	450.00			Unknown

**Table F-6 - Commercial Evaluation Unit 3 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Aluminum	mg/kg	2	100.00		12000.00	13000.00	12500.00	12500.00		
Arsenic (inorganic)	mg/kg	4	100.00		2.00	3.38	2.82	2.95		
Copper	mg/kg	3	100.00		4.80	21.90	12.57	11.00		
Lead (and compounds) (inorganic)	mg/kg	3	66.67	5.10	5.10	6.50	11.00	6.68	6.50	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	3	33.33	21.00	21.00	42.00	42.00	21.00	10.50	10.50

**Table F-6 - Commercial Evaluation Unit 3 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Aluminum	mg/kg	707.11	13000.00	13000.00	12490.00	15657.00	15289.30	Unknown
Arsenic (inorganic)	mg/kg	0.65	3.07	3.38	2.76	3.58	4.11	Normal/Lognormal
Copper	mg/kg	8.66	16.65	21.90	10.50	27.16	2874.69	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	4.23	8.68	11.00	5.67	13.81	1165.96	Normal/Lognormal
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	18.19	29.57	42.00	16.67	51.66	8429.19	Unknown

**Table F-7 Commercial Evaluation Unit4 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	64	100.00			3.30	390.00	50.02	41.50	
Copper	mg/kg	1	100.00			22.00	22.00	22.00	22.00	
Lead (and compounds) (inorganic)	mg/kg	33	100.00			4.70	450.00	86.17	59.00	

**Table F-7 Commercial Evaluation Unit4 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	50.34	54.29	61.68	37.95	60.54	61.68	Unknown
Copper	mg/kg			22.00	22.00			Unknown
Lead (and compounds) (inorganic)	mg/kg	100.33	98.10	131.85	53.35	115.81	131.85	Lognormal

**Table F-8 - Commercial Evaluation Unit 4 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	2	100.00			6.30	28.00	17.15	17.15	

**Table F-8 - Commercial Evaluation Unit 4 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	15.34	28.00	28.00	13.28	85.66	567342019392	Unknown

**Table F-9 - Commercial Evaluation Unit 5 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Aluminum	mg/kg	2	100.00			17000.00	24000.00	20500.00	20500.00	
Arsenic (inorganic)	mg/kg	208	100.00			4.50	370.00	48.28	35.50	
Copper	mg/kg	4	100.00			16.00	21.00	19.00	19.50	
Lead (and compounds) (inorganic)	mg/kg	164	99.39	6.60	6.60	9.20	410.00	75.06	57.00	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	3	33.33	20.00	26.00	39.00	39.00	20.67	13.00	

**Table F-9 - Commercial Evaluation Unit 5 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Aluminum	mg/kg	4949.75	24000.00	24000.00	20199.01	42599.00	88067.88	Unknown
Arsenic (inorganic)	mg/kg	50.32	50.65	52.00	35.63	54.07	52.00	Unknown
Copper	mg/kg	2.16	19.83	21.00	18.90	21.54	22.22	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	63.05	78.39	86.41	56.29	83.22	86.41	Lognormal
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	15.95	28.18	39.00	17.18	47.55	2719.34	Normal/Lognormal

**Table F-10 - Commercial Evaluation Unit 5 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Monomethylamine Nitrate										
	mg/kg	31	22.58	5.10	6.90	0.04	30000.00	1182.04	2.70	
<b>Metals (Total)</b>										
Aluminum	mg/kg	6	100.00		8000.00	16000.00	11133.33	10950.00		
Arsenic (inorganic)	mg/kg	8	100.00		1.70	45.00	12.60	4.70		
Copper	mg/kg	6	100.00		11.00	29.00	18.00	14.00		
Lead (and compounds) (inorganic)	mg/kg	14	85.71	5.00	5.40	9.40	115.00	23.19	16.50	
<b>PAHs</b>										
Phenanthrene	mg/kg	11	9.09	0.009	0.71	0.08	0.08	0.05	0.004	0.004
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	18	50.00	20.00	22.00	26.00	36000.00	2469.81	18.50	
<b>TPH - 8015</b>										
Oil And Grease	mg/kg	7	85.71	22.00	22.00	39.00	20000.00	3840.00	500.00	

**Table F-10 - Commercial Evaluation Unit 5 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Monomethylamine Nitrate	mg/kg	5410.06	1845.69	3146.00	4.44	2830.97	3146.00	Unknown
<b>Metals (Total)</b>								
Aluminum	mg/kg	2881.43	11988.53	14208.77	10841.76	13503.66	14208.77	Normal/Lognormal
Arsenic (inorganic)	mg/kg	15.29	16.44	45.00	6.50	22.84	92.54	Lognormal
Copper	mg/kg	7.87	20.34	28.50	16.72	24.48	28.50	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	27.84	28.35	50.14	15.09	36.36	50.14	Lognormal
<b>PAHs</b>								
Phenanthrene	mg/kg	0.11	0.08	0.08	0.01	0.11	0.46	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	8422.03	3837.53	36000.00	81.89	5923.87	78899.36	Unknown
<b>TPH - 8015</b>								
Oil And Grease	mg/kg	7315.91	5825.38	20000.00	486.95	9212.70	179309500.29	Lognormal

**Table F-11 - Commercial Evaluation Unit6 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	26	100.00			2.00	85.00	31.55	33.50	
Lead (and compounds) (inorganic)	mg/kg	5	80.00	5.00	5.00	38.00	287.00	103.50	85.00	

**Table F-11 - Commercial Evaluation Unit6 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	20.59	34.31	56.65	23.18	38.45	56.65	Normal
Lead (and compounds) (inorganic)	mg/kg	110.12	139.99	287.00	47.56	208.50	481722.54	Normal/Lognormal

**Table F-12 - Commercial Evaluation Unit 6 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Nitroglycerine	mg/kg	1	0.00	0.21	0.21			0.11	0.11	
Trinitrotoluene, 2,4,6-	mg/kg	1	0.00	0.003	0.003			0.002	0.002	
Arsenic (inorganic)	mg/kg	1	100.00			5.80	5.80	5.80	5.80	
Copper	mg/kg	1	100.00			8.40	8.40	8.40	8.40	
Lead (and compounds) (inorganic)	mg/kg	2	0.00	5.20	5.40			2.65	2.65	
Mercury (inorganic)	mg/kg	1	0.00	0.08	0.08			0.04	0.04	

**Table F-12 - Commercial Evaluation Unit 6 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Geometric Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
Nitroglycerine	mg/kg				0.11			Unknown
Trinitrotoluene, 2,4,6-	mg/kg				0.002			Unknown
Arsenic (inorganic)	mg/kg				5.80	5.80		Unknown
Copper	mg/kg				8.40	8.40		Unknown
Lead (and compounds) (inorganic)	mg/kg	0.07	2.70		2.65	2.97	2.90	Unknown
Mercury (inorganic)	mg/kg				0.04			Unknown

**Table F-13 - Commercial Evaluation Unit 7 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Monomethylamine Nitrate	mg/kg	8	0.00	5.80	7.70			3.17	3.05	2.90
Nitroglycerine	mg/kg	10	0.00	0.21	0.31			0.12	0.12	
Trinitrotoluene, 2,4,6-	mg/kg	12	25.00	0.003	0.04	0.01	0.21	0.04	0.004	
Aluminum	mg/kg	1	100.00		16000.00	16000.00	16000.00	16000.00		
Arsenic (inorganic)	mg/kg	42	100.00		2.60	160.00	38.41	29.50		
Copper	mg/kg	1	100.00		21.00	21.00	21.00	21.00		
Lead (and compounds) (inorganic)	mg/kg	78	92.31	5.00	6.60	5.70	960.00	85.85	46.50	2.50
Mercury (inorganic)	mg/kg	1	0.00	0.09	0.09			0.04	0.04	
Benzo(a)Anthracene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Benzo(a)Pyrene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Benzo(b)Fluoranthene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Benzo(g,h,i)Perylene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Benzo(k)Fluoranthene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Chrysene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Dibenz(a,h)anthracene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Indeno(1,2,3-cd)pyrene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Methylnaphthalene, 2-	mg/kg	1	0.00	0.20	0.20			0.10	0.10	
Phenanthrene	mg/kg	1	0.00	0.20	0.20			0.10	0.10	

**Table F-13 - Commercial Evaluation Unit 7 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Geometric Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
Monomethylamine Nitrate	mg/kg	0.35	3.26		3.15	3.40	3.41	Unknown
Nitroglycerine	mg/kg	0.02	0.13		0.12	0.13	0.13	Normal/Lognormal
Trinitrotoluene, 2,4,6-	mg/kg	0.07	0.05	0.21	0.008	0.08	0.35	Unknown
Aluminum	mg/kg			16000.00	16000.00			Unknown
Arsenic (inorganic)	mg/kg	31.98	41.77	54.49	27.73	46.72	54.49	Lognormal
Copper	mg/kg			21.00	21.00			Unknown
Lead (and compounds) (inorganic)	mg/kg	140.39	96.64	133.50	40.91	112.41	133.50	Lognormal
Mercury (inorganic)	mg/kg				0.04			Unknown
Benzo(a)Anthracene	mg/kg				0.10			Unknown
Benzo(a)Pyrene	mg/kg				0.10			Unknown
Benzo(b)Fluoranthene	mg/kg				0.10			Unknown
Benzo(g,h,i)Perylene	mg/kg				0.10			Unknown
Benzo(k)Fluoranthene	mg/kg				0.10			Unknown
Chrysene	mg/kg				0.10			Unknown
Dibenz(a,h)anthracene	mg/kg				0.10			Unknown
Indeno(1,2,3-cd)pyrene	mg/kg				0.10			Unknown
Methylnaphthalene, 2-	mg/kg				0.10			Unknown
Phenanthrene	mg/kg				0.10			Unknown

**Table F-14 - Commercial Evaluation Unit 7 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Monomethylamine Nitrate	mg/kg	16	12.50	0.03	5.70	1.40	2.90	2.32	2.70	0.02
Nitroglycerine	mg/kg	20	5.00	0.19	0.57	0.35	0.35	0.13	0.11	
Trinitrotoluene, 2,4,6-	mg/kg	22	36.36	0.003	0.08	0.01	42.00	2.62	0.002	0.002
Aluminum	mg/kg	6	100.00		7000.00	16000.00	12166.67	12500.00		
Arsenic (inorganic)	mg/kg	21	100.00		1.00	8.40	2.72	2.30		
Copper	mg/kg	18	100.00		7.00	24000.00	1347.39	15.00		
Lead (and compounds) (inorganic)	mg/kg	44	40.91	4.90	5.50	5.50	2900.00	174.79	2.75	2.50
Mercury (inorganic)	mg/kg	18	0.00	0.08	0.11			0.05	0.05	
Benzo(a)Anthracene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Benzo(a)Pyrene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Benzo(b)Fluoranthene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Benzo(g,h,i)Perylene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Benzo(k)Fluoranthene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Chrysene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Dibenz(a,h)anthracene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Indeno(1,2,3-cd)pyrene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Methylnaphthalene, 2-	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Phenanthrene	mg/kg	1	0.00	0.18	0.18			0.09	0.09	
Oil And Grease	mg/kg	4	75.00	20.00	20.00	30.00	93.00	46.00	40.50	

**Table F-14 - Commercial Evaluation Unit 7 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Geometric Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
Monomethylamine Nitrate	mg/kg	0.96	2.48	2.90	1.37	2.74	41.64	Unknown
Nitroglycerine	mg/kg	0.07	0.14	0.15	0.12	0.15	0.15	Unknown
Trinitrotoluene, 2,4,6-	mg/kg	9.36	3.99	42.00	0.01	6.05	53.47	Unknown
Aluminum	mg/kg	3060.50	13075.01	16000.00	11793.53	14684.30	16284.76	Normal/Lognormal
Arsenic (inorganic)	mg/kg	1.67	2.97	3.40	2.38	3.35	3.40	Lognormal
Copper	mg/kg	5653.35	2265.49	551.87	21.82	3665.96	551.87	Unknown
Lead (and compounds) (inorganic)	mg/kg	568.44	233.15	281.37	10.34	319.10	281.37	Unknown
Mercury (inorganic)	mg/kg	0.005	0.05		0.05	0.05	0.05	Normal/Lognormal
Benzo(a)Anthracene	mg/kg				0.09			Unknown
Benzo(a)Pyrene	mg/kg				0.09			Unknown
Benzo(b)Fluoranthene	mg/kg				0.09			Unknown
Benzo(g,h,i)Perylene	mg/kg				0.09			Unknown
Benzo(k)Fluoranthene	mg/kg				0.09			Unknown
Chrysene	mg/kg				0.09			Unknown
Dibenz(a,h)anthracene	mg/kg				0.09			Unknown
Indeno(1,2,3-cd)pyrene	mg/kg				0.09			Unknown
Methylnaphthalene, 2-	mg/kg				0.09			Unknown
Phenanthrene	mg/kg				0.09			Unknown
Oil And Grease	mg/kg	35.52	59.59	93.00	34.54	87.79	1722.91	Normal/Lognormal

**Table F-15 - Commercial Evaluation Unit 8 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	27	100.00			4.20	120.00	50.19	46.00	
Lead (and compounds) (inorganic)	mg/kg	5	100.00			19.00	402.00	140.80	62.00	

**Table F-15 - Commercial Evaluation Unit 8 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	25.49	53.55	72.35	42.10	58.56	72.35	Normal
Lead (and compounds) (inorganic)	mg/kg	156.49	192.66	402.00	83.92	290.00	4512.94	Normal/Lognormal

**Table F-16 - Commercial Evaluation Unit 8 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	1	100.00			6.00	6.00	6.00	6.00	

**Table F-16 - Commercial Evaluation Unit 8 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg			6.00	6.00			Unknown

**Table F-17 - Commercial Evaluation Unit 9 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	219	99.54	2.40	2.40	3.00	160.00	31.69	26.00	
Lead (and compounds) (inorganic)	mg/kg	202	100.00			7.60	190.00	46.21	38.00	

**Table F-17 - Commercial Evaluation Unit 9 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	22.58	32.72	35.68	25.10	34.22	35.68	Unknown
Lead (and compounds) (inorganic)	mg/kg	30.19	47.65	50.79	37.87	49.73	50.79	Lognormal

**Table F-18 - Commercial Evaluation Unit 9 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	1	100.00			13.00	13.00	13.00	13.00	

**Table F-18 - Commercial Evaluation Unit 9 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg			13.00	13.00			Unknown

**Table F-19 - Golf Course Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Trinitrotoluene, 2,4,6-	mg/kg	1	0.00	0.006	0.006			0.003	0.003	
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	46	97.83	2.10	2.10	2.70	370.00	39.56	21.50	
Copper	mg/kg	3	100.00			6.60	96.00	38.20	12.00	
Lead (and compounds) (inorganic)	mg/kg	63	92.06	5.00	6.20	7.10	3100.00	373.51	89.00	2.50
Mercury (inorganic)	mg/kg	19	78.95	0.10	0.11	0.14	3.10	0.65	0.44	0.05

**Table F-19 - Golf Course Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Trinitrotoluene, 2,4,6-	mg/kg				0.003			Unknown
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	66.05	46.19	63.23	18.12	55.95	63.23	Lognormal
Copper	mg/kg	50.13	61.82	96.00	19.66	122.71	4433702904.5	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	625.66	427.03	1162.44	93.40	505.22	1162.44	Lognormal
Mercury (inorganic)	mg/kg	0.77	0.77	1.89	0.33	0.96	1.89	Lognormal

**Table F-20 - Golf Course Evaluation Unit 1 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
Nitroglycerine	mg/kg	10	0.00	0.21	0.23			0.11	0.11	0.11
Trinitrotoluene, 2,4,6-	mg/kg	8	0.00	0.003	0.004			0.002	0.002	
Arsenic (inorganic)	mg/kg	14	100.00			1.50	110.00	17.86	3.70	
Copper	mg/kg	10	90.00	0.27	0.27	6.50	43.00	13.50	10.65	
Lead (and compounds) (inorganic)	mg/kg	39	71.79	4.70	5.80	7.10	4000.00	276.41	31.00	
Mercury (inorganic)	mg/kg	16	50.00	0.08	0.10	0.12	2.60	0.35	0.09	
TPH (418.1)	mg/kg	2	50.00	20.00	20.00	40.00	40.00	25.00	25.00	

**Table F-20 - Golf Course Evaluation Unit 1 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Geometric Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
Nitroglycerine	mg/kg	0.003	0.11		0.11	0.11	0.11	Unknown
Trinitrotoluene, 2,4,6-	mg/kg	0.00007	0.002		0.002	0.002	0.002	Normal/Lognormal
Arsenic (inorganic)	mg/kg	32.16	23.82	51.81	6.19	33.08	51.81	Unknown
Copper	mg/kg	11.94	16.16	43.00	7.88	20.42	234.17	Unknown
Lead (and compounds) (inorganic)	mg/kg	732.47	356.52	1344.44	33.30	475.45	1344.44	Unknown
Mercury (inorganic)	mg/kg	0.64	0.46	1.02	0.14	0.63	1.02	Unknown
TPH (418.1)	mg/kg	21.21	40.00	40.00	20.00	119.71	113637142058	Unknown

**Table F-21 - Golf Course Evaluation Unit 2 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Monomethylamine Nitrate	mg/kg	5	0.00	5.40	6.30			2.91	2.90	
Nitroglycerine	mg/kg	6	0.00	0.21	0.24			0.11	0.12	
Trinitrotoluene, 2,4,6-	mg/kg	13	0.00	0.003	0.18			0.01	0.008	0.002
<b>Metals (Total)</b>										
Aluminum	mg/kg	2	100.00		7700.00	18000.00	12850.00	12850.00		
Arsenic (inorganic)	mg/kg	58	100.00		1.90	490.00	54.96	24.00		
Copper	mg/kg	6	100.00		12.00	98.30	46.27	38.50		
Lead (and compounds) (inorganic)	mg/kg	49	85.71	5.20	6.20	5.80	1500.00	161.62	34.00	
Mercury (inorganic)	mg/kg	20	70.00	0.08	0.11	0.16	100.00	10.84	0.25	
<b>Organochlorine Pesticides</b>										
Aldrin	mg/kg	4	0.00	0.005	0.006			0.003	0.003	
<b>PAHs</b>										
Benzo(a)Anthracene	mg/kg	15	26.67	0.02	0.19	0.10	3.40	0.33	0.010	0.009
Benzo(a)Pyrene	mg/kg	15	26.67	0.02	0.19	0.10	2.80	0.32	0.010	0.009
Benzo(b)Fluoranthene	mg/kg	15	20.00	0.02	0.19	0.77	3.70	0.36	0.010	0.010
Benzo(g,h,i)Perylene	mg/kg	15	46.67	0.02	0.02	0.02	1.60	0.20	0.01	0.010
Benzo(k)Fluoranthene	mg/kg	15	20.00	0.02	0.19	0.30	1.70	0.17	0.010	0.010
Chrysene	mg/kg	15	53.33	0.02	0.02	0.02	4.50	0.45	0.02	0.010
Dibenz(a,h)anthracene	mg/kg	15	13.33	0.04	0.37	0.44	0.51	0.10	0.02	0.02
Indeno(1,2,3-cd)pyrene	mg/kg	15	26.67	0.02	0.19	0.04	1.60	0.17	0.010	0.009
Methylnaphthalene, 2-	mg/kg	2	0.00	0.19	0.79			0.25	0.25	
Phenanthrene	mg/kg	15	26.67	0.009	0.09	0.06	1.10	0.10	0.005	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	31	54.84	22.00	25.00	31.00	2800.00	479.98	35.00	11.00

**Table F-21 - Golf Course Evaluation Unit 2 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Monomethylamine Nitrate	mg/kg	0.16	2.96		2.91	3.07	3.08	Normal/Lognormal
Nitroglycerine	mg/kg	0.005	0.12		0.11	0.12	0.12	Unknown
Trinitrotoluene, 2,4,6-	mg/kg	0.02	0.02		0.006	0.02	0.04	Lognormal
<b>Metals (Total)</b>								
Aluminum	mg/kg	7283.20	18000.00	18000.00	11772.85	45367.10	242577934.05	Unknown
Arsenic (inorganic)	mg/kg	98.18	63.73	81.23	22.89	76.66	81.23	Lognormal
Copper	mg/kg	33.74	56.28	98.30	35.81	74.02	180.50	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	322.11	192.96	419.99	42.37	239.11	419.99	Lognormal
Mercury (inorganic)	mg/kg	26.16	14.87	100.00	0.49	20.96	211.86	Unknown
<b>Organochlorine Pesticides</b>								
Aldrin	mg/kg	0.0002	0.003		0.003	0.003	0.003	Normal/Lognormal
<b>PAHs</b>								
Benzo(a)Anthracene	mg/kg	0.88	0.49	3.23	0.03	0.73	3.23	Unknown
Benzo(a)Pyrene	mg/kg	0.75	0.45	2.80	0.03	0.66	3.57	Unknown
Benzo(b)Fluoranthene	mg/kg	0.96	0.53	3.48	0.03	0.80	3.48	Unknown
Benzo(g,h,i)Perylene	mg/kg	0.43	0.28	1.37	0.04	0.40	1.37	Unknown
Benzo(k)Fluoranthene	mg/kg	0.44	0.25	0.77	0.02	0.37	0.77	Unknown
Chrysene	mg/kg	1.17	0.66	4.50	0.04	0.98	4.86	Unknown
Dibenz(a,h)anthracene	mg/kg	0.16	0.12	0.23	0.04	0.17	0.23	Unknown
Indeno(1,2,3-cd)pyrene	mg/kg	0.42	0.25	0.86	0.03	0.36	0.86	Unknown
Methylnaphthalene, 2-	mg/kg	0.21	0.40		0.19	1.19	518550114788	Unknown
Phenanthrene	mg/kg	0.28	0.15	0.48	0.01	0.23	0.48	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	859.03	585.36	2404.03	64.68	741.81	2404.03	Unknown

**Table F-22 - Golf Course Evaluation Unit 2 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Monomethylamine Nitrate										
Trinitrotoluene, 2,4,6-	mg/kg	16	6.25	0.03	6.00	0.04	0.04	1.58	2.63	0.02
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	24	100.00			1.60	436.00	86.76	15.30	
Copper	mg/kg	15	93.33	8.90	8.90	3.60	69.00	16.80	15.00	
Lead (and compounds) (inorganic)	mg/kg	56	80.36	5.00	5.70	6.10	920.00	172.99	69.50	2.50
Mercury (inorganic)	mg/kg	21	47.62	0.08	0.10	0.40	9.80	1.16	0.05	
<b>PAHs</b>										
Benzo(b)Fluoranthene	mg/kg	6	16.67	0.02	0.18	0.02	0.02	0.02	0.01	0.010
Benzo(g,h,i)Perylene	mg/kg	6	16.67	0.02	0.18	0.02	0.02	0.03	0.010	
Chrysene	mg/kg	6	16.67	0.02	0.18	0.03	0.03	0.03	0.01	0.010
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	33	54.55	20.00	25.00	14.00	360.00	58.09	25.00	10.00
<b>TPH - 8015</b>										
Oil And Grease	mg/kg	16	68.75	20.00	20.00	22.00	2200.00	330.19	30.00	10.00

**Table F-22 - Golf Course Evaluation Unit 2 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Monomethylamine Nitrate	mg/kg	1.43	1.83	0.04	0.30	2.21	423.25	Unknown
Trinitrotoluene, 2,4,6-	mg/kg	0.01	0.007	0.006	0.002	0.01	0.006	Unknown
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	123.27	104.00	436.00	19.21	129.89	803.00	Unknown
Copper	mg/kg	15.47	19.57	26.16	13.02	23.84	26.16	Lognormal
Lead (and compounds) (inorganic)	mg/kg	237.31	194.58	756.72	46.62	226.39	756.72	Lognormal
Mercury (inorganic)	mg/kg	2.28	1.50	7.80	0.23	2.02	7.80	Unknown
<b>PAHs</b>								
Benzo(b)Fluoranthene	mg/kg	0.03	0.03	0.02	0.02	0.05	0.10	Unknown
Benzo(g,h,i)Perylene	mg/kg	0.03	0.03	0.02	0.02	0.05	0.12	Unknown
Chrysene	mg/kg	0.03	0.04	0.03	0.02	0.05	0.12	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	76.95	67.24	96.75	29.51	80.82	96.75	Unknown
<b>TPH - 8015</b>								
Oil And Grease	mg/kg	637.79	440.37	2200.00	57.08	609.70	2597.59	Unknown

**Table F-23 - Golf Course Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Aluminum	mg/kg	8	100.00		9200.00	23000.00	14900.00	14000.00		
Arsenic (inorganic)	mg/kg	63	100.00		2.00	970.00	95.18	47.00		
Copper	mg/kg	8	100.00		17.00	72.00	38.75	36.50		
Lead (and compounds) (inorganic)	mg/kg	47	100.00		8.50	1200.00	117.48	63.00		
Mercury (inorganic)	mg/kg	17	94.12	0.13	0.13	0.13	11.00	1.78	0.28	
<b>PAHs</b>										
Benzo(a)Anthracene	mg/kg	1	100.00		0.07	0.07	0.07	0.07		
Benzo(a)Pyrene	mg/kg	1	100.00		0.09	0.09	0.09	0.09		
Benzo(b)Fluoranthene	mg/kg	1	100.00		0.13	0.13	0.13	0.13		
Benzo(g,h,i)Perylene	mg/kg	1	100.00		0.08	0.08	0.08	0.08		
Benzo(k)Fluoranthene	mg/kg	1	100.00		0.08	0.08	0.08	0.08		
Chrysene	mg/kg	1	100.00		0.14	0.14	0.14	0.14		
Indeno(1,2,3-cd)pyrene	mg/kg	1	100.00		0.07	0.07	0.07	0.07		
Phenanthrene	mg/kg	1	100.00		0.08	0.08	0.08	0.08		
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	8	62.50	22.00	26.00	29.00	89.00	46.56	41.50	

**Table F-23 - Golf Course Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Aluminum	mg/kg	4080.62	15925.77	18316.91	14442.01	17633.95	18316.91	Normal/Lognormal
Arsenic (inorganic)	mg/kg	145.42	107.62	132.35	50.23	125.79	132.35	Lognormal
Copper	mg/kg	19.44	43.64	63.87	34.48	51.77	63.87	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	189.11	136.26	147.87	68.49	163.93	147.87	Lognormal
Mercury (inorganic)	mg/kg	3.16	2.31	6.15	0.54	3.12	6.15	Unknown
<b>PAHs</b>								
Benzo(a)Anthracene	mg/kg			0.07	0.07			Unknown
Benzo(a)Pyrene	mg/kg			0.09	0.09			Unknown
Benzo(b)Fluoranthene	mg/kg			0.13	0.13			Unknown
Benzo(g,h,i)Perylene	mg/kg			0.08	0.08			Unknown
Benzo(k)Fluoranthene	mg/kg			0.08	0.08			Unknown
Chrysene	mg/kg			0.14	0.14			Unknown
Indeno(1,2,3-cd)pyrene	mg/kg			0.07	0.07			Unknown
Phenanthrene	mg/kg			0.08	0.08			Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	34.63	55.27	89.00	33.42	69.76	163.76	Normal/Lognormal

**Table F-24 - Golf Course Evaluation Unit 3 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Aluminum	mg/kg	1	100.00		6100.00	6100.00	6100.00	6100.00		
Arsenic (inorganic)	mg/kg	3	100.00		2.60	4.90	3.87	4.10		
Copper	mg/kg	1	100.00		330.00	330.00	330.00	330.00		
Lead (and compounds) (inorganic)	mg/kg	3	33.33	6.20	6.20	31.00	31.00	12.40	3.10	3.10
Mercury (inorganic)	mg/kg	3	33.33	0.11	0.11	0.87	0.87	0.33	0.06	0.06
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	1	100.00		44.00	44.00	44.00	44.00		

**Table F-24 - Golf Course Evaluation Unit 3 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Aluminum	mg/kg			6100.00	6100.00			Unknown
Arsenic (inorganic)	mg/kg	1.17	4.42	4.90	3.74	5.84	10.86	Normal/Lognormal
Copper	mg/kg			330.00	330.00			Unknown
Lead (and compounds) (inorganic)	mg/kg	16.11	19.99	31.00	6.68	39.56	199241106.45	Unknown
Mercury (inorganic)	mg/kg	0.47	0.55	0.87	0.14	1.12	7764156598.2	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg			44.00	44.00			Unknown

**Table F-25 - Golf Course Evaluation Unit 4 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	123	100.00			0.92	360.00	65.98	36.00	
Copper	mg/kg	8	100.00			16.00	190.00	64.75	27.00	16.00
Lead (and compounds) (inorganic)	mg/kg	59	96.61	5.70	6.50	6.90	25000.00	829.41	78.00	
Mercury (inorganic)	mg/kg	10	70.00	0.09	13.00	0.34	8.80	2.49	0.74	
<b>PAHs</b>										
Benzo(a)Anthracene	mg/kg	11	36.36	0.02	0.27	0.02	8.60	0.89	0.02	
Benzo(a)Pyrene	mg/kg	11	27.27	0.02	0.27	0.03	5.60	0.56	0.03	
Benzo(b)Fluoranthene	mg/kg	11	72.73	0.02	0.18	0.02	7.00	0.76	0.08	
Benzo(g,h,i)Perylene	mg/kg	11	54.55	0.02	0.18	0.17	4.40	0.82	0.17	
Benzo(k)Fluoranthene	mg/kg	11	18.18	0.02	0.27	0.20	2.60	0.28	0.01	
Chrysene	mg/kg	11	81.82	0.02	0.18	0.02	14.00	1.54	0.09	
Dibenz(a,h)anthracene	mg/kg	11	18.18	0.04	0.56	0.05	0.31	0.11	0.03	
Indeno(1,2,3-cd)pyrene	mg/kg	11	27.27	0.02	0.27	0.03	0.38	0.09	0.03	
Phenanthrene	mg/kg	11	63.64	0.010	0.09	0.01	7.10	0.78	0.05	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	19	57.89	20.00	20.00	35.00	5600.00	874.37	58.00	10.00
<b>TPH - 8015</b>										
Oil And Grease	mg/kg	2	100.00			240.00	250.00	245.00	245.00	

**Table F-25 - Golf Course Evaluation Unit 4 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	77.49	70.71	86.27	37.03	77.57	86.27	Lognormal
Copper	mg/kg	72.58	82.99	190.00	38.87	113.38	265.87	Unknown
Lead (and compounds) (inorganic)	mg/kg	3293.56	1121.41	1300.09	110.17	1551.48	1300.09	Lognormal
Mercury (inorganic)	mg/kg	3.11	3.18	8.80	0.81	4.29	117.28	Lognormal
<b>PAHs</b>								
Benzo(a)Anthracene	mg/kg	2.57	1.43	8.60	0.05	2.30	34.09	Unknown
Benzo(a)Pyrene	mg/kg	1.67	0.91	5.60	0.05	1.47	6.54	Unknown
Benzo(b)Fluoranthene	mg/kg	2.08	1.20	7.00	0.09	1.90	16.52	Lognormal
Benzo(g,h,i)Perylene	mg/kg	1.41	1.12	4.40	0.14	1.59	159.09	Lognormal
Benzo(k)Fluoranthene	mg/kg	0.77	0.44	2.60	0.03	0.70	3.32	Unknown
Chrysene	mg/kg	4.16	2.42	14.00	0.14	3.81	50.83	Lognormal
Dibenz(a,h)anthracene	mg/kg	0.12	0.13	0.31	0.06	0.17	0.41	Unknown
Indeno(1,2,3-cd)pyrene	mg/kg	0.12	0.12	0.38	0.04	0.16	0.62	Lognormal
Phenanthrene	mg/kg	2.12	1.23	7.10	0.05	1.94	64.43	Lognormal
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	1494.79	1110.30	5600.00	112.86	1469.00	40229.30	Unknown
<b>TPH - 8015</b>								
Oil And Grease	mg/kg	7.07	250.00	250.00	244.95	276.57	270.38	Unknown

**Table F-26 - Golf Course Evaluation Unit 4 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	14	100.00			1.50	100.00	14.07	3.60	
Copper	mg/kg	8	100.00			4.10	22.00	13.14	11.50	
Lead (and compounds) (inorganic)	mg/kg	53	81.13	5.00	6.00	6.40	2500.00	358.84	160.00	
Mercury (inorganic)	mg/kg	8	37.50	0.07	0.09	0.50	6.70	1.15	0.04	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	20	10.00	20.00	22.00	51.00	520.00	37.60	10.00	10.00
<b>TPH - 8015</b>										
Oil And Grease	mg/kg	12	41.67	20.00	20.00	35.00	94.00	31.42	10.00	10.00

**Table F-26 - Golf Course Evaluation Unit 4 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	27.08	19.09	34.49	5.40	26.89	34.49	Unknown
Copper	mg/kg	6.40	14.75	22.00	11.65	17.43	22.62	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	534.21	408.82	2500.00	82.16	482.42	2792.68	Lognormal
Mercury (inorganic)	mg/kg	2.32	1.73	6.70	0.17	2.71	234.15	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	113.91	55.12	35.23	13.28	81.64	35.23	Unknown
<b>TPH - 8015</b>								
Oil And Grease	mg/kg	29.52	37.36	70.91	20.85	46.72	70.91	Unknown

**Table F-27 - Golf Course Evaluation Unit 5 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Aluminum	mg/kg	5	100.00		9400.00	22000.00	16280.00	18000.00		
Arsenic (inorganic)	mg/kg	20	100.00		2.00	190.00	28.61	13.50		
Copper	mg/kg	5	100.00		11.00	21.00	14.60	14.00		
Lead (and compounds) (inorganic)	mg/kg	10	60.00	5.80	6.50	12.00	308.00	41.32	12.50	
Mercury (inorganic)	mg/kg	5	20.00	0.09	0.11	0.01	0.01	0.04	0.05	

**Table F-27 - Golf Course Evaluation Unit 5 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Aluminum	mg/kg	5365.82	18058.15	22000.00	15495.55	21396.09	26280.59	Normal/Lognormal
Arsenic (inorganic)	mg/kg	45.76	35.65	66.01	12.68	46.30	66.01	Lognormal
Copper	mg/kg	3.78	15.85	19.21	14.25	18.21	19.21	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	94.26	62.27	255.99	11.40	95.95	255.99	Lognormal
Mercury (inorganic)	mg/kg	0.02	0.05	0.01	0.04	0.06	0.13	Normal

**Table F-28 - Golf Course Evaluation Unit 5 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Monomethylamine Nitrate										
	mg/kg	36	22.22	5.10	8.80	0.05	1000.00	53.01	2.70	
<b>Metals (Total)</b>										
Aluminum	mg/kg	13	100.00		6200.00	18000.00	11461.54	10000.00		
Arsenic (inorganic)	mg/kg	14	100.00		0.99	18.00	4.91	1.85		
Copper	mg/kg	13	100.00		11.00	24.00	15.08	15.00		
Lead (and compounds) (inorganic)	mg/kg	19	68.42	5.00	5.80	6.20	48.00	17.99	11.00	
Mercury (inorganic)	mg/kg	13	15.38	0.08	0.10	0.12	0.17	0.06	0.05	
<b>PAHs</b>										
Phenanthrene	mg/kg	12	8.33	0.009	0.18	0.08	0.08	0.02	0.005	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	17	23.53	20.00	23.00	160.00	10000.00	1288.06	10.50	10.50
<b>TPH - 8015</b>										
Oil And Grease	mg/kg	6	100.00		36.00	19000.00	3554.83	510.00		

**Table F-28 - Golf Course Evaluation Unit 5 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Monomethylamine Nitrate	mg/kg	179.30	73.42	64.57	4.49	103.72	64.57	Unknown
<b>Metals (Total)</b>								
Aluminum	mg/kg	3235.36	12085.18	13483.74	11038.43	13060.58	13483.74	Normal/Lognormal
Arsenic (inorganic)	mg/kg	6.30	6.07	10.22	2.72	7.89	10.22	Unknown
Copper	mg/kg	3.48	15.75	16.90	14.75	16.79	16.90	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	15.70	20.47	43.15	10.83	24.24	43.15	Unknown
Mercury (inorganic)	mg/kg	0.04	0.07	0.08	0.05	0.08	0.08	Unknown
<b>PAHs</b>								
Phenanthrene	mg/kg	0.04	0.03	0.08	0.010	0.04	0.09	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	3301.35	1840.54	10000.00	37.21	2686.07	23041.50	Unknown
<b>TPH - 8015</b>								
Oil And Grease	mg/kg	7582.42	5805.27	19000.00	426.25	9792.29	69109801.12	Lognormal

**Table F-29 - Golf Course Evaluation Unit 6 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Trinitrotoluene, 2,4,6-										
	mg/kg	2	50.00	0.003	0.003	0.02	0.02	0.01	0.01	
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	25	100.00			3.30	280.00	70.74	38.00	
Lead (and compounds) (inorganic)	mg/kg	15	93.33	5.00	5.00	3.10	264.00	58.17	31.00	
<b>PAHs</b>										
Benzo(a)Anthracene	mg/kg	2	100.00			0.03	0.05	0.04	0.04	
Benzo(a)Pyrene	mg/kg	2	100.00			0.04	0.05	0.05	0.05	
Benzo(b)Fluoranthene	mg/kg	2	100.00			0.02	0.03	0.03	0.03	
Benzo(g,h,i)Perylene	mg/kg	2	50.00	0.02	0.02	0.06	0.06	0.04	0.04	
Chrysene	mg/kg	2	50.00	0.02	0.02	0.09	0.09	0.05	0.05	
Indeno(1,2,3-cd)pyrene	mg/kg	2	50.00	0.02	0.02	0.03	0.03	0.02	0.02	
Phenanthrene	mg/kg	2	100.00			0.02	0.04	0.03	0.03	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	2	50.00	29.00	29.00	84.00	84.00	49.25	49.25	

**Table F-29 - Golf Course Evaluation Unit 6 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Trinitrotoluene, 2,4,6-	mg/kg	0.01	0.02	0.02	0.006	0.08	.12244255176	Unknown
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	78.49	81.49	137.23	41.00	97.60	137.23	Lognormal
Lead (and compounds) (inorganic)	mg/kg	72.00	71.04	256.63	27.08	90.91	256.63	Lognormal
<b>PAHs</b>								
Benzo(a)Anthracene	mg/kg	0.01	0.05	0.05	0.04	0.10	0.88	Unknown
Benzo(a)Pyrene	mg/kg	0.004	0.05	0.05	0.04	0.06	0.06	Unknown
Benzo(b)Fluoranthene	mg/kg	0.003	0.03	0.03	0.02	0.04	0.04	Unknown
Benzo(g,h,i)Perylene	mg/kg	0.04	0.06	0.06	0.03	0.20	265175581486	Unknown
Chrysene	mg/kg	0.06	0.09	0.09	0.03	0.30	.78070058351	Unknown
Indeno(1,2,3-cd)pyrene	mg/kg	0.02	0.03	0.03	0.02	0.09	1772904.80	Unknown
Phenanthrene	mg/kg	0.01	0.04	0.04	0.03	0.09	16.62	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	49.14	84.00	84.00	34.90	268.66	.31734001616	Unknown

**Table F-30 - Golf Course Evaluation Unit 6 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	8	100.00			2.25	47.00	11.38	4.31	
Copper	mg/kg	6	100.00			14.80	66.30	26.48	18.90	
Lead (and compounds) (inorganic)	mg/kg	11	45.45	5.00	5.60	6.00	260.00	45.17	2.80	2.50
<b>PAHs</b>										
Benzo(a)Anthracene	mg/kg	1	100.00			0.09	0.09	0.09	0.09	
Benzo(a)Pyrene	mg/kg	1	100.00			0.11	0.11	0.11	0.11	
Benzo(b)Fluoranthene	mg/kg	1	100.00			0.08	0.08	0.08	0.08	
Benzo(k)Fluoranthene	mg/kg	1	100.00			0.05	0.05	0.05	0.05	
Chrysene	mg/kg	1	100.00			0.15	0.15	0.15	0.15	
Dibenz(a,h)anthracene	mg/kg	1	100.00			0.12	0.12	0.12	0.12	
Phenanthrene	mg/kg	1	100.00			0.14	0.14	0.14	0.14	

**Table F-30 - Golf Course Evaluation Unit 6 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	15.48	15.27	44.88	6.38	21.75	44.88	Lognormal
Copper	mg/kg	19.78	32.35	52.41	22.62	42.75	52.41	Unknown
Lead (and compounds) (inorganic)	mg/kg	85.46	63.21	260.00	9.00	91.86	614.66	Unknown
<b>PAHs</b>								
Benzo(a)Anthracene	mg/kg			0.09	0.09			Unknown
Benzo(a)Pyrene	mg/kg			0.11	0.11			Unknown
Benzo(b)Fluoranthene	mg/kg			0.08	0.08			Unknown
Benzo(k)Fluoranthene	mg/kg			0.05	0.05			Unknown
Chrysene	mg/kg			0.15	0.15			Unknown
Dibenz(a,h)anthracene	mg/kg			0.12	0.12			Unknown
Phenanthrene	mg/kg			0.14	0.14			Unknown

**Table F-31 - Golf Course Evaluation Unit 7 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Trinitrotoluene, 2,4,6-	mg/kg	9	11.11	0.003	0.04	0.15	0.15	0.02	0.009	
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	50	100.00			7.40	350.00	88.76	59.50	
Lead (and compounds) (inorganic)	mg/kg	37	100.00			6.85	1900.00	98.58	38.00	

**Table F-31 - Golf Course Evaluation Unit 7 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Trinitrotoluene, 2,4,6-	mg/kg	0.05	0.04	0.15	0.009	0.05	0.18	Lognormal
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	86.42	97.08	133.45	55.54	109.34	133.45	Lognormal
Lead (and compounds) (inorganic)	mg/kg	307.10	133.06	99.33	40.56	184.25	99.33	Unknown

**Table F-32 - Golf Course Evaluation Unit 7 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Trinitrotoluene, 2,4,6-										
	mg/kg	10	20.00	0.003	0.33	0.004	0.07	0.03	0.003	
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	8	100.00			1.80	15.00	5.87	4.43	
Copper	mg/kg	7	100.00			12.00	61.80	23.61	16.50	
Lead (and compounds) (inorganic)	mg/kg	21	28.57	5.00	5.90	5.00	290.00	33.10	2.55	2.50

**Table F-32 - Golf Course Evaluation Unit 7 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Trinitrotoluene, 2,4,6-	mg/kg	0.05	0.04	0.07	0.006	0.06	0.32	Unknown
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	4.42	6.98	12.72	4.68	8.84	12.72	Normal/Lognormal
Copper	mg/kg	17.82	28.45	43.74	19.89	36.70	43.74	Lognormal
Lead (and compounds) (inorganic)	mg/kg	80.47	45.17	65.30	5.81	63.39	65.30	Unknown

**Table F-33 - Golf Course Evaluation Unit 8 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Trinitrotoluene, 2,4,6-										
	mg/kg	11	36.36	0.007	0.04	0.005	0.64	0.07	0.02	
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	79	100.00			3.00	520.00	80.66	43.00	
Copper	mg/kg	2	100.00			18.40	26.00	22.20	22.20	
Lead (and compounds) (inorganic)	mg/kg	35	88.57	5.00	6.60	8.30	290.00	51.99	33.00	2.50
Mercury (inorganic)	mg/kg	2	50.00	0.13	0.13	0.09	0.09	0.08	0.08	
<b>PAHs</b>										
Benzo(a)Anthracene	mg/kg	2	50.00	0.02	0.02	0.03	0.03	0.02	0.02	
Benzo(a)Pyrene	mg/kg	2	50.00	0.02	0.02	0.03	0.03	0.02	0.02	
Chrysene	mg/kg	2	100.00			0.02	0.10	0.06	0.06	
Phenanthrene	mg/kg	2	50.00	0.009	0.009	0.03	0.03	0.02	0.02	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	2	100.00			47.00	52.00	49.50	49.50	

**Table F-33 - Golf Course Evaluation Unit 8 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Trinitrotoluene, 2,4,6-	mg/kg	0.19	0.11	0.28	0.01	0.17	0.28	Unknown
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	106.41	88.79	119.62	40.77	100.66	119.62	Lognormal
Copper	mg/kg	5.37	26.00	26.00	21.87	46.19	96.04	Unknown
Lead (and compounds) (inorganic)	mg/kg	61.66	59.10	106.24	26.93	69.67	106.24	Lognormal
Mercury (inorganic)	mg/kg	0.02	0.09	0.09	0.08	0.16	0.29	Unknown
<b>PAHs</b>								
Benzo(a)Anthracene	mg/kg	0.01	0.03	0.03	0.02	0.07	103230.01	Unknown
Benzo(a)Pyrene	mg/kg	0.01	0.03	0.03	0.02	0.07	103230.01	Unknown
Chrysene	mg/kg	0.05	0.10	0.10	0.05	0.30	159594229770	Unknown
Phenanthrene	mg/kg	0.02	0.03	0.03	0.01	0.11	.33679937728	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	3.54	52.00	52.00	49.44	65.29	64.29	Unknown

**Table F-34 - Golf Course Evaluation Unit 8 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Trinitrotoluene, 2,4,6-	mg/kg	12	33.33	0.003	0.33	0.005	0.03	0.02	0.005	0.002
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	11	100.00			3.20	11.00	5.41	4.38	
Copper	mg/kg	6	100.00			14.50	28.50	19.43	18.30	
Lead (and compounds) (inorganic)	mg/kg	27	22.22	5.00	5.70	5.00	60.00	5.68	2.50	2.50

**Table F-34 - Golf Course Evaluation Unit 8 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Trinitrotoluene, 2,4,6-	mg/kg	0.05	0.03	0.03	0.007	0.05	0.17	Unknown
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	2.73	5.99	7.22	4.92	6.90	7.22	Lognormal
Copper	mg/kg	4.81	20.86	24.12	19.00	23.39	24.12	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	11.21	7.16	6.15	3.47	9.36	6.15	Unknown

**Table F-35 - Golf Course Evaluation Unit 9 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Nitroglycerine	mg/kg	11	9.09	0.21	0.25	0.24	0.24	0.13	0.12	
Trinitrotoluene, 2,4,6-	mg/kg	20	20.00	0.006	0.18	0.009	0.40	0.05	0.02	
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	32	100.00			1.90	400.00	37.45	12.50	
Lead (and compounds) (inorganic)	mg/kg	149	95.97	5.00	6.10	6.00	2700.00	258.62	94.00	2.50

**Table F-35 - Golf Course Evaluation Unit 9 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Nitroglycerine	mg/kg	0.04	0.14	0.15	0.12	0.15	0.15	Unknown
Trinitrotoluene, 2,4,6-	mg/kg	0.09	0.06	0.12	0.02	0.08	0.12	Lognormal
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	73.46	46.32	59.95	15.89	59.49	59.95	Lognormal
Lead (and compounds) (inorganic)	mg/kg	447.16	283.42	427.21	91.63	319.36	427.21	Lognormal

**Table F-36 - Golf Course Evaluation Unit 9 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Nitroglycerine	mg/kg	77	1.30	0.18	0.36	3.70	3.70	0.15	0.11	0.09
Trinitrotoluene, 2,4,6-	mg/kg	77	5.19	0.003	0.16	0.03	2.40	0.05	0.002	0.002
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	11	100.00			1.80	40.00	6.19	3.12	
Copper	mg/kg	10	100.00			3.10	29.10	16.22	15.75	
Lead (and compounds) (inorganic)	mg/kg	59	28.81	5.00	5.50	4.00	330.00	17.04	2.50	2.50
<b>PAHs</b>										
Benzo(b)Fluoranthene	mg/kg	1	100.00			0.06	0.06	0.06	0.06	
Chrysene	mg/kg	1	100.00			0.04	0.04	0.04	0.04	

**Table F-36 - Golf Course Evaluation Unit 9 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Nitroglycerine	mg/kg	0.41	0.18	0.13	0.11	0.23	0.13	Unknown
Trinitrotoluene, 2,4,6-	mg/kg	0.29	0.07	0.01	0.003	0.11	0.01	Unknown
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	11.23	8.56	10.23	3.48	12.32	10.23	Unknown
Copper	mg/kg	6.84	17.74	27.71	14.36	20.18	27.71	Normal
Lead (and compounds) (inorganic)	mg/kg	46.27	21.14	17.31	5.15	27.19	17.31	Unknown
<b>PAHs</b>								
Benzo(b)Fluoranthene	mg/kg			0.06	0.06			Unknown
Chrysene	mg/kg			0.04	0.04			Unknown

**Table F-37 - Historical Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	3	100.00			5.50	68.00	44.83	61.00	
Lead (and compounds) (inorganic)	mg/kg	3	100.00			38.00	190.00	90.67	44.00	

**Table F-37 - Historical Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	34.24	60.97	68.00	28.36	102.56	10009991140.	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	86.08	131.22	190.00	68.23	235.78	150738.75	Normal/Lognormal

**Table F-38 - Historical Evaluation Unit 2 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Aluminum	mg/kg	1	100.00		15000.00	15000.00	15000.00	15000.00		
Arsenic (inorganic)	mg/kg	8	100.00		6.00	73.00	44.88	49.50		
Lead (and compounds) (inorganic)	mg/kg	8	100.00		4.70	280.00	78.09	35.50		
<b>Organochlorine Pesticides</b>										
Aldrin	mg/kg	1	100.00		0.60	0.60	0.60	0.60		
<b>TPH - 8015</b>										
Oil And Grease	mg/kg	1	100.00		120.00	120.00	120.00	120.00		

**Table F-38 - Historical Evaluation Unit 2 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Aluminum	mg/kg			15000.00	15000.00			Unknown
Arsenic (inorganic)	mg/kg	20.77	50.10	73.00	37.33	58.79	123.38	Normal
Lead (and compounds) (inorganic)	mg/kg	94.29	101.79	280.00	39.85	141.26	784.88	Lognormal
<b>Organochlorine Pesticides</b>								
Aldrin	mg/kg			0.60	0.60			Unknown
<b>TPH - 8015</b>								
Oil And Grease	mg/kg			120.00	120.00			Unknown

**Table F-39 - Historical Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	8	100.00			5.40	150.00	29.58	13.00	
Lead (and compounds) (inorganic)	mg/kg	8	100.00			13.00	450.00	151.25	124.00	

**Table F-39 - Historical Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	49.04	41.91	109.62	15.15	62.44	109.62	Lognormal
Lead (and compounds) (inorganic)	mg/kg	151.93	189.44	450.00	82.70	253.04	1587.03	Normal/Lognormal

**Table F-40 - Industrial Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	134	98.51	2.00	4.60	3.40	180.00	40.79	31.00	
Lead (and compounds) (inorganic)	mg/kg	144	97.92	2.80	6.80	3.10	2000.00	126.33	49.50	

**Table F-40 - Industrial Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	33.37	42.74	52.35	28.01	45.56	52.35	Lognormal
Lead (and compounds) (inorganic)	mg/kg	241.10	139.93	168.79	51.46	159.64	168.79	Lognormal

**Table F-41 - Industrial Evaluation Unit 1 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Explosives</b>										
Trinitrotoluene, 2,4,6-	mg/kg	38	7.89	0.003	0.07	0.004	0.21	0.02	0.002	0.002
<b>Metals (Total)</b>										
Aluminum	mg/kg	5	100.00		7500.00	14000.00	10900.00	11000.00		
Arsenic (inorganic)	mg/kg	17	100.00		1.70	71.00	8.18	2.80	1.70	
Copper	mg/kg	15	100.00		9.90	220.00	31.06	17.00		
Lead (and compounds) (inorganic)	mg/kg	45	66.67	4.90	5.80	5.70	1500.00	59.54	9.00	
Mercury (inorganic)	mg/kg	15	26.67	0.07	0.09	0.09	0.24	0.07	0.04	
<b>PAHs</b>										
Benzo(a)Anthracene	mg/kg	15	6.67	0.02	0.18	0.23	0.23	0.05	0.009	0.009
Benzo(a)Pyrene	mg/kg	15	6.67	0.02	0.18	0.22	0.22	0.04	0.009	0.009
Benzo(b)Fluoranthene	mg/kg	15	6.67	0.02	0.18	0.15	0.15	0.04	0.009	0.009
Benzo(g,h,i)Perylene	mg/kg	16	6.25	0.02	0.18	0.10	0.10	0.04	0.009	0.009
Benzo(k)Fluoranthene	mg/kg	15	6.67	0.02	0.18	0.17	0.17	0.04	0.009	0.009
Chrysene	mg/kg	16	6.25	0.02	0.28	0.36	0.36	0.06	0.009	0.009
Dibenz(a,h)anthracene	mg/kg	16	6.25	0.04	0.18	0.05	0.05	0.04	0.02	0.02
Indeno(1,2,3-cd)pyrene	mg/kg	16	6.25	0.01	0.18	0.14	0.14	0.04	0.009	
Phenanthrene	mg/kg	16	12.50	0.009	0.18	0.009	0.20	0.04	0.005	0.004
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	12	8.33	20.00	20.00	200.00	200.00	25.83	10.00	10.00

**Table F-41 - Industrial Evaluation Unit 1 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Explosives</b>								
Trinitrotoluene, 2,4,6-	mg/kg	0.04	0.02	0.05	0.006	0.03	0.05	Unknown
<b>Metals (Total)</b>								
Aluminum	mg/kg	2408.32	11698.08	14000.00	10674.63	13196.23	14271.02	Normal/Lognormal
Arsenic (inorganic)	mg/kg	16.97	11.02	12.25	3.69	15.36	12.25	Unknown
Copper	mg/kg	52.53	40.45	40.53	20.03	54.95	40.53	Unknown
Lead (and compounds) (inorganic)	mg/kg	226.77	82.56	59.51	10.45	116.46	59.51	Unknown
Mercury (inorganic)	mg/kg	0.06	0.08	0.10	0.06	0.10	0.10	Unknown
<b>PAHs</b>								
Benzo(a)Anthracene	mg/kg	0.06	0.06	0.12	0.02	0.07	0.12	Unknown
Benzo(a)Pyrene	mg/kg	0.06	0.05	0.12	0.02	0.07	0.12	Unknown
Benzo(b)Fluoranthene	mg/kg	0.05	0.05	0.09	0.02	0.06	0.09	Unknown
Benzo(g,h,i)Perylene	mg/kg	0.04	0.04	0.08	0.02	0.05	0.08	Unknown
Benzo(k)Fluoranthene	mg/kg	0.05	0.05	0.10	0.02	0.06	0.10	Unknown
Chrysene	mg/kg	0.09	0.07	0.18	0.02	0.10	0.18	Unknown
Dibenz(a,h)anthracene	mg/kg	0.03	0.04	0.05	0.03	0.05	0.06	Unknown
Indeno(1,2,3-cd)pyrene	mg/kg	0.04	0.04	0.09	0.02	0.06	0.09	Unknown
Phenanthrene	mg/kg	0.06	0.05	0.20	0.01	0.07	0.20	Unknown
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	54.85	36.87	37.50	12.84	54.27	37.50	Unknown

**Table F-42- Open Space Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	4	100.00			5.80	10.00	8.33	8.75	
Copper	mg/kg	3	100.00			50.00	100.00	81.00	93.00	
Lead (and compounds) (inorganic)	mg/kg	3	100.00			180.00	410.00	330.00	400.00	
Mercury (inorganic)	mg/kg	3	100.00			0.34	1.20	0.74	0.68	
<b>TPH - 418</b>										
TPH (418.1)	mg/kg	3	100.00			230.00	1900.00	1276.67	1700.00	

**Table F-42 - Open Space Evaluation Unit 1 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	1.81	9.02	10.00	8.16	10.45	11.97	Normal/Lognormal
Copper	mg/kg	27.07	93.76	100.00	77.47	126.64	319.66	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	130.00	391.25	410.00	309.06	549.16	2583.36	Normal/Lognormal
Mercury (inorganic)	mg/kg	0.43	0.94	1.20	0.65	1.47	31.31	Normal/Lognormal
<b>TPH - 418</b>								
TPH (418.1)	mg/kg	911.94	1706.30	1900.00	905.68	2814.07	845688660.71	Normal/Lognormal

**Table F-43 - Open Space Evaluation Unit 2 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	45	100.00			6.30	440.00	141.72	110.00	
Lead (and compounds) (inorganic)	mg/kg	50	96.00	5.00	5.90	6.30	12000.00	494.14	35.50	

**Table F-43 - Open Space Evaluation Unit 2 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	135.82	155.50	295.89	72.69	175.81	295.89	Unknown
Lead (and compounds) (inorganic)	mg/kg	1765.99	664.21	756.78	55.09	914.71	756.78	Unknown

**Table F-44 - Open Space Evaluation Unit 2 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	3	100.00			2.30	120.00	41.63	2.60	
Copper	mg/kg	2	100.00			11.00	14.00	12.50	12.50	

**Table F-44 - Open Space Evaluation Unit 2 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	67.87	73.61	120.00	8.95	156.05	.22346841182	Lognormal
Copper	mg/kg	2.12	14.00	14.00	12.41	21.97	27.95	Unknown

**Table F-45 - Open Space Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	16	100.00			4.30	110.00	31.56	22.00	
Lead (and compounds) (inorganic)	mg/kg	6	100.00			20.00	38.00	29.17	30.00	

**Table F-45 - Open Space Evaluation Unit 3 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	29.59	36.67	59.57	21.69	44.52	59.57	Lognormal
Lead (and compounds) (inorganic)	mg/kg	7.08	31.27	37.51	28.41	34.99	37.51	Normal/Lognormal

**Table F-46 - Open Space Evaluation Unit 3 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	1	100.00			3.80	3.80	3.80	3.80	

**Table F-46 - Open Space Evaluation Unit 3 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg			3.80	3.80			Unknown

**Table F-47 - Open Space Evaluation Unit 4 (0 to <=1 foot)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Arsenic (inorganic)	mg/kg	17	100.00			9.50	59.00	27.62	25.00	
Lead (and compounds) (inorganic)	mg/kg	7	85.71	5.00	5.00	46.00	101.00	62.21	72.00	

**Table F-47 - Open Space Evaluation Unit 4 (0 to <=1 foot)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Arsenic (inorganic)	mg/kg	12.03	29.63	35.50	25.10	32.71	35.50	Normal/Lognormal
Lead (and compounds) (inorganic)	mg/kg	31.84	70.85	101.00	43.42	85.59	1067.07	Normal

**Table F-48 - Open Space Evaluation Unit 4 (>1 to <= 15 feet)**

Constituent	Units	Number of Samples Analyzed	Frequency of Detection	Minimum Non-Detected Value	Maximum Non-Detected Value	Minimum Detected Value	Maximum Detected Value	Mean	Median	Mode
<b>Metals (Total)</b>										
Lead (and compounds) (inorganic)	mg/kg	3	66.67	5.00	5.00	5.80	22.00	10.10	5.80	

**Table F-48 - Open Space Evaluation Unit 4 (>1 to <= 15 feet)**

Constituent	Units	Standard Deviation	Alternate	RME	Log Mean	95% UCL	Log 95% UCL	Distribution Test 5% Significance Level
<b>Metals (Total)</b>								
Lead (and compounds) (inorganic)	mg/kg	10.44	15.02	22.00	6.83	27.70	826294.51	Normal/Lognormal

**Table F-49 – Comparison of Commercial EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
<b>Commercial 1 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	58	100	46	60	DW Commercial	10	0.80	6.20	Yes
Benzo(a)Pyrene	4	75	1	13	DW Commercial	0	0.09	0.09	No
Benzo(b)Fluoranthene	4	75	1	126	DW Commercial	0	0.01	0.01	No
Benzo(g,h,i)Perylene	4	100	5	No STD		--	--	--	No
Benzo(k)Fluoranthene	4	25	0	1,260	DW Commercial	0	0.00	0.00	No
Chrysene	4	75	1	12,600	DW Commercial	0	0.00	0.00	No
Copper	10	100	37	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	74	96	451	118	DW Commercial	60	3.80	28.00	Yes
Mercury (inorganic)	11	64	3	24	DW Commercial	0	0.10	0.10	No
Nitroglycerine	3	33	1	6,580	DW Commercial	0	0.00	0.00	No
Phenanthrene	4	25	0	No STD		--	--	--	No
TPH (418.1)	14	57	10,000	7,600	DW Commercial	7	1.30	1.30	Yes
<b>Commercial 1 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	14	100	11	60	DW Commercial	0	0.20	0.40	No
Chrysene	6	17	0	12,600	DW Commercial	0	0.00	0.00	No
Copper	8	100	47	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	54	80	237	118	DW Commercial	19	2.00	11.00	Yes
Mercury (inorganic)	12	25	0	24	DW Commercial	0	0.01	0.04	No
Motor Oil	1	100	3,000	2,000	DW Commercial	100	1.50	1.50	Yes
Oil And Grease	14	36	418	2,000	DW Commercial	0	0.20	0.30	No
TPH (418.1)	19	37	179	7,600	DW Commercial	0	0.02	0.20	No
<b>Commercial 2 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	165	98	41	60	DW Commercial	9	0.70	2.00	No
Copper	2	100	42	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	150	100	64	118	DW Commercial	11	0.50	2.80	Yes
Mercury (inorganic)	2	50	1	24	DW Commercial	0	0.02	0.02	No

**Table F-49 – Comparison of Commercial EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
<b>Commercial 2 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	4	100	4	60	DW Commercial	0	0.06	0.06	No
Copper	4	100	18	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorgan)	4	75	39	118	DW Commercial	0	0.30	0.30	No
TPH (418.1)	4	50	140	7,600	DW Commercial	0	0.02	0.02	No
<b>Commercial 3 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	59	100	48	60	DW Commercial	15	0.80	5.80	Yes
Benzo(a)Pyrene	1	100	0	13	DW Commercial	0	0.01	0.01	No
Benzo(b)Fluoranthene	1	100	0	126	DW Commercial	0	0.00	0.00	No
Benzo(g,h,i)Perylene	1	100	0	No STD		--	--	--	No
Benzo(k)Fluoranthene	1	100	0	1,260	DW Commercial	0	0.00	0.00	No
Chrysene	1	100	0	12,600	DW Commercial	0	0.00	0.00	No
Copper	2	100	66	90,900	DW Commercial	0	0.00	0.00	No
Indeno(1,2,3-cd)pyrene	1	100	0	126	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	33	97	852	118	DW Commercial	58	7.20	32.20	Yes
Mercury (inorganic)	2	50	0	24	DW Commercial	0	0.02	0.02	No
Phenanthrene	1	100	0	No STD		--	--	--	No
TPH (418.1)	1	100	450	7,600	DW Commercial	0	0.06	0.06	No
<b>Commercial 3 (1 to &lt;=15 feet)</b>									
Aluminum	2	100	13,000	1,000,000	DW Commercial	0	0.01	0.01	No
Arsenic (inorganic)	4	100	3	60	DW Commercial	0	0.06	0.06	No
Copper	3	100	22	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	3	67	11	118	DW Commercial	0	0.09	0.09	No
TPH (418.1)	3	33	42	7,600	DW Commercial	0	0.01	0.01	No
<b>Commercial 4 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	64	100	62	60	DW Commercial	25	1.00	6.50	Yes
Copper	1	100	22	90,900	DW Commercial	0	0.00	0.00	No

**Table F-49 – Comparison of Commercial EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
Lead (and compounds) (inorganic)	33	100	132	118	DW Commercial	18	1.10	3.80	Yes
<b>Commercial 4 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	2	100	28	60	DW Commercial	0	0.50	0.50	No
<b>Commercial 5 (0 to &lt;=1 foot)</b>									
Aluminum	2	100	24,000	1,000,000	DW Commercial	0	0.02	0.02	No
Arsenic (inorganic)	208	100	52	60	DW Commercial	20	0.90	6.20	Yes
Copper	4	100	21	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	164	99	86	118	DW Commercial	17	0.70	3.50	Yes
TPH (418.1)	3	33	39	7,600	DW Commercial	0	0.01	0.01	No
<b>Commercial 5 (1 to &lt;=15 feet)</b>									
Aluminum	6	100	14,209	1,000,000	DW Commercial	0	0.01	0.02	No
Arsenic (inorganic)	8	100	45	60	DW Commercial	0	0.80	0.80	No
Copper	6	100	29	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	14	86	50	118	DW Commercial	0	0.40	1.00	No
Monomethylamine Nitrate	31	23	3,146	19,900	DW Commercial	3	0.20	1.50	No
Oil And Grease	7	86	20,000	2,000	DW Commercial	29	10.00	10.00	Yes
Phenanthrene	11	9	0	No STD		--	--	--	No
TPH (418.1)	18	50	36,000	7,600	DW Commercial	6	4.70	4.70	Yes
<b>Commercial 6 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	26	100	57	60	DW Commercial	8	0.90	1.40	No
Lead (and compounds) (inorganic)	5	80	287	118	DW Commercial	20	2.40	2.40	Yes
<b>Commercial 6 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	1	100	6	60	DW Commercial	0	0.10	0.10	No
Copper	1	100	8	90,900	DW Commercial	0	0.00	0.00	No
<b>Commercial 7 (0 to &lt;=1 foot)</b>									
Aluminum	1	100	16,000	1,000,000	DW Commercial	0	0.02	0.02	No
Arsenic (inorganic)	42	100	54	60	DW Commercial	21	0.90	2.70	Yes

**Table F-49 – Comparison of Commercial EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
Copper	1	100	21	90,900	DW Commercial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	78	92	134	118	DW Commercial	17	1.10	8.10	Yes
Trinitrotoluene, 2,4,6-	12	25	0	2	DW Commercial	0	0.10	0.10	No
<b>Commercial 7 (1 to &lt;=15 feet)</b>									
Aluminum	6	100	16,000	1,000,000	DW Commercial	0	0.02	0.02	No
Arsenic (inorganic)	21	100	3	60	DW Commercial	0	0.06	0.10	No
Copper	18	100	552	90,900	DW Commercial	0	0.01	0.30	No
Lead (and compounds) (inorganic)	44	41	281	118	DW Commercial	16	2.40	24.60	Yes
Monomethylamine Nitrate	16	13	3	19,900	DW Commercial	0	0.00	0.00	No
Nitroglycerine	20	5	0	6,580	DW Commercial	0	0.00	0.00	No
Oil And Grease	4	75	93	2,000	DW Commercial	0	0.05	0.05	No
Trinitrotoluene, 2,4,6-	22	36	42	2	DW Commercial	9	24.00	24.00	Yes
<b>Commercial 8 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	27	100	72	60	DW Commercial	26	1.20	2.00	Yes
Lead (and compounds) (inorganic)	5	100	402	118	DW Commercial	40	3.40	3.40	Yes
<b>Commercial 8 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	1	100	6	60	DW Commercial	0	0.10	0.10	No
<b>Commercial 9 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	219	100	36	60	DW Commercial	10	0.60	2.70	Yes
Lead (and compounds) (inorganic)	202	100	51	118	DW Commercial	4	0.40	1.60	No
<b>Commercial 9 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	1	100	13	60	DW Commercial	0	0.20	0.20	No

Notes:

<sup>(1)</sup>Frequency of Exceedence of Standard. A value > 10 triggers MTCA COPC = Yes.<sup>(2)</sup>Ratio of RME concentration to Standard. A value > 1 triggers MTCA COPC = Yes.<sup>(3)</sup>Ratio of MAX concentration to Standard. A value > 2 triggers MTCA COPC = Yes.

**Table F-50 – Comparison of Golf Course EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
<b>Golf Course 1 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	46	98	63	60	DW Golf Course	15	1.10	6.20	Yes
Copper	3	100	96	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	63	92	1,162	118	DW Golf Course	44	9.90	26.30	Yes
Mercury (inorganic)	19	79	2	24	DW Golf Course	0	0.08	0.10	No
<b>Golf Course 1 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	14	100	52	60	DW Golf Course	14	0.90	1.80	Yes
Copper	10	90	43	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	39	72	1,344	118	DW Golf Course	26	11.40	33.90	Yes
Mercury (inorganic)	16	50	1	24	DW Golf Course	0	0.04	0.10	No
TPH (418.1)	2	50	40	7,600	DW Golf Course	0	0.01	0.01	No
<b>Golf Course 2 (0 to &lt;=1 foot)</b>									
Aluminum	2	100	18,000	1,000,000	DW Golf Course	0	0.02	0.02	No
Arsenic (inorganic)	58	100	81	60	DW Golf Course	21	1.40	8.20	Yes
Benzo(a)Anthracene	15	27	3	126	DW Golf Course	0	0.03	0.03	No
Benzo(a)Pyrene	15	27	3	13	DW Golf Course	0	0.20	0.20	No
Benzo(b)Fluoranthene	15	20	3	126	DW Golf Course	0	0.03	0.03	No
Benzo(g,h,i)Perylene	15	47	1	No STD		--	--	--	No
Benzo(k)Fluoranthene	15	20	1	1,260	DW Golf Course	0	0.00	0.00	No
Chrysene	15	53	5	12,600	DW Golf Course	0	0.00	0.00	No
Copper	6	100	98	90,900	DW Golf Course	0	0.00	0.00	No
Dibenz(a,h)anthracene	15	13	0	13	DW Golf Course	0	0.02	0.04	No
Indeno(1,2,3-cd)pyrene	15	27	1	126	DW Golf Course	0	0.01	0.01	No
Lead (and compounds) (inorganic)	49	86	420	118	DW Golf Course	33	3.60	12.70	Yes
Mercury (inorganic)	20	70	100	24	DW Golf Course	15	4.20	4.20	Yes
Phenanthrene	15	27	0	No STD		--	--	--	No
TPH (418.1)	31	55	2,404	7,600	DW Golf Course	0	0.30	0.40	No
<b>Golf Course 2 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	24	100	436	60	DW Golf Course	33	7.30	7.30	Yes

**Table F-50 – Comparison of Golf Course EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
Benzo(b)Fluoranthene	6	17	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(g,h,i)Perylene	6	17	0	No STD		--	--	--	No
Chrysene	6	17	0	12,600	DW Golf Course	0	0.00	0.00	No
Copper	15	93	26	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	56	80	757	118	DW Golf Course	38	6.40	7.80	Yes
Mercury (inorganic)	21	48	8	24	DW Golf Course	0	0.30	0.40	No
Monomethylamine Nitrate	16	6	0	19,900	DW Golf Course	0	0.00	0.00	No
Oil And Grease	16	69	2,200	2,000	DW Golf Course	6	1.10	1.10	Yes
TPH (418.1)	33	55	97	7,600	DW Golf Course	0	0.01	0.05	No
Trinitrotoluene, 2,4,6-	22	5	0	2	DW Golf Course	0	0.00	0.03	No
<b>Golf Course 3 (0 to &lt;=1 foot)</b>									
Aluminum	8	100	18,317	1,000,000	DW Golf Course	0	0.02	0.02	No
Arsenic (inorganic)	63	100	132	60	DW Golf Course	37	2.20	16.20	Yes
Benzo(a)Anthracene	1	100	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(a)Pyrene	1	100	0	13	DW Golf Course	0	0.01	0.01	No
Benzo(b)Fluoranthene	1	100	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(g,h,i)Perylene	1	100	0	No STD		--	--	--	No
Benzo(k)Fluoranthene	1	100	0	1,260	DW Golf Course	0	0.00	0.00	No
Chrysene	1	100	0	12,600	DW Golf Course	0	0.00	0.00	No
Copper	8	100	64	90,900	DW Golf Course	0	0.00	0.00	No
Indeno(1,2,3-cd)pyrene	1	100	0	126	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	47	100	148	118	DW Golf Course	26	1.30	10.20	Yes
Mercury (inorganic)	17	94	6	24	DW Golf Course	0	0.30	0.50	No
Phenanthrene	1	100	0	No STD		--	--	--	No
TPH (418.1)	8	63	89	7,600	DW Golf Course	0	0.01	0.01	No
<b>Golf Course 3 (1 to &lt;=15 feet)</b>									
Aluminum	1	100	6,100	1,000,000	DW Golf Course	0	0.01	0.01	No
Arsenic (inorganic)	3	100	5	60	DW Golf Course	0	0.08	0.08	No
Copper	1	100	330	90,900	DW Golf Course	0	0.00	0.00	No

**Table F-50 – Comparison of Golf Course EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
Lead (and compounds) (inorganic)	3	33	31	118	DW Golf Course	0	0.30	0.30	No
Mercury (inorganic)	3	33	1	24	DW Golf Course	0	0.04	0.04	No
TPH (418.1)	1	100	44	7,600	DW Golf Course	0	0.01	0.01	No
<b>Golf Course 4 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	123	100	86	60	DW Golf Course	33	1.40	6.00	Yes
Benzo(a)Anthracene	11	36	9	126	DW Golf Course	0	0.07	0.07	No
Benzo(a)Pyrene	11	27	6	13	DW Golf Course	0	0.40	0.40	No
Benzo(b)Fluoranthene	11	73	7	126	DW Golf Course	0	0.06	0.06	No
Benzo(g,h,i)Perylene	11	55	4	No STD		--	--	--	No
Benzo(k)Fluoranthene	11	18	3	1,260	DW Golf Course	0	0.00	0.00	No
Chrysene	11	82	14	12,600	DW Golf Course	0	0.00	0.00	No
Copper	8	100	190	90,900	DW Golf Course	0	0.00	0.00	No
Dibenz(a,h)anthracene	11	18	0	13	DW Golf Course	0	0.02	0.02	No
Indeno(1,2,3-cd)pyrene	11	27	0	126	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	59	97	1,300	118	DW Golf Course	41	11.00	211.90	Yes
Mercury (inorganic)	10	70	9	24	DW Golf Course	0	0.40	0.40	No
Oil And Grease	2	100	250	2,000	DW Golf Course	0	0.10	0.10	No
Phenanthrene	11	64	7	No STD		--	--	--	No
TPH (418.1)	19	58	5,600	7,600	DW Golf Course	0	0.70	0.70	No
<b>Golf Course 4 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	14	100	34	60	DW Golf Course	7	0.60	1.70	No
Copper	8	100	22	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	53	81	2,500	118	DW Golf Course	57	21.20	21.20	Yes
Mercury (inorganic)	8	38	7	24	DW Golf Course	0	0.30	0.30	No
Oil And Grease	12	42	71	2,000	DW Golf Course	0	0.04	0.05	No
TPH (418.1)	20	10	35	7,600	DW Golf Course	0	0.01	0.07	No
<b>Golf Course 5 (0 to &lt;=1 foot)</b>									
Aluminum	5	100	22,000	1,000,000	DW Golf Course	0	0.02	0.02	No
Arsenic (inorganic)	20	100	66	60	DW Golf Course	10	1.10	3.20	Yes

**Table F-50 – Comparison of Golf Course EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
Copper	5	100	19	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	10	60	256	118	DW Golf Course	10	2.20	2.60	Yes
Mercury (inorganic)	5	20	0	24	DW Golf Course	0	0.00	0.00	No
<b>Golf Course 5 (1 to &lt;=15 feet)</b>									
Aluminum	13	100	13,484	1,000,000	DW Golf Course	0	0.01	0.02	No
Arsenic (inorganic)	14	100	10	60	DW Golf Course	0	0.20	0.30	No
Copper	13	100	17	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	19	68	43	118	DW Golf Course	0	0.40	0.40	No
Mercury (inorganic)	13	15	0	24	DW Golf Course	0	0.00	0.01	No
Monomethylamine Nitrate	36	22	65	19,900	DW Golf Course	0	0.00	0.05	No
Oil And Grease	6	100	19,000	2,000	DW Golf Course	17	9.50	9.50	Yes
Phenanthrene	12	8	0	No STD		--	--	--	No
TPH (418.1)	17	24	10,000	7,600	DW Golf Course	12	1.30	1.30	Yes
<b>Golf Course 6 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	25	100	137	60	DW Golf Course	32	2.30	4.70	Yes
Benzo(a)Anthracene	2	100	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(a)Pyrene	2	100	0	13	DW Golf Course	0	0.00	0.00	No
Benzo(b)Fluoranthene	2	100	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(g,h,i)Perylene	2	50	0	No STD		--	--	--	No
Chrysene	2	50	0	12,600	DW Golf Course	0	0.00	0.00	No
Indeno(1,2,3-cd)pyrene	2	50	0	126	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	15	93	257	118	DW Golf Course	13	2.20	2.20	Yes
Phenanthrene	2	100	0	No STD		--	--	--	No
TPH (418.1)	2	50	84	7,600	DW Golf Course	0	0.01	0.01	No
Trinitrotoluene, 2,4,6-	2	50	0	2	DW Golf Course	0	0.01	0.01	No
<b>Golf Course 6 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	8	100	45	60	DW Golf Course	0	0.70	0.80	No
Benzo(a)Anthracene	1	100	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(a)Pyrene	1	100	0	13	DW Golf Course	0	0.01	0.01	No

**Table F-50 – Comparison of Golf Course EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
Benzo(b)Fluoranthene	1	100	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(k)Fluoranthene	1	100	0	1,260	DW Golf Course	0	0.00	0.00	No
Chrysene	1	100	0	12,600	DW Golf Course	0	0.00	0.00	No
Copper	6	100	52	90,900	DW Golf Course	0	0.00	0.00	No
Dibenz(a,h)anthracene	1	100	0	13	DW Golf Course	0	0.01	0.01	No
Lead (and compounds) (inorganic)	11	46	260	118	DW Golf Course	18	2.20	2.20	Yes
Phenanthrene	1	100	0	No STD		--	--	--	No
<b>Golf Course 7 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	50	100	133	60	DW Golf Course	50	2.20	5.80	Yes
Lead (and compounds) (inorganic)	37	100	99	118	DW Golf Course	8	0.80	16.10	Yes
Trinitrotoluene, 2,4,6-	9	11	0	2	DW Golf Course	0	0.09	0.09	No
<b>Golf Course 7 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	8	100	13	60	DW Golf Course	0	0.20	0.30	No
Copper	7	100	44	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	21	29	65	118	DW Golf Course	10	0.60	2.50	Yes
Trinitrotoluene, 2,4,6-	10	20	0	2	DW Golf Course	0	0.04	0.04	No
<b>Golf Course 8 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	79	100	120	60	DW Golf Course	33	2.00	8.70	Yes
Benzo(a)Anthracene	2	50	0	126	DW Golf Course	0	0.00	0.00	No
Benzo(a)Pyrene	2	50	0	13	DW Golf Course	0	0.00	0.00	No
Chrysene	2	100	0	12,600	DW Golf Course	0	0.00	0.00	No
Copper	2	100	26	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	35	89	106	118	DW Golf Course	14	0.90	2.50	Yes
Mercury (inorganic)	2	50	0	24	DW Golf Course	0	0.00	0.00	No
Phenanthrene	2	50	0	No STD		--	--	--	No
TPH (418.1)	2	100	52	7,600	DW Golf Course	0	0.01	0.01	No
Trinitrotoluene, 2,4,6-	11	36	0	2	DW Golf Course	0	0.20	0.40	No
<b>Golf Course 8 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	11	100	7	60	DW Golf Course	0	0.10	0.20	No

**Table F-50 – Comparison of Golf Course EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
Copper	6	100	24	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	27	22	6	118	DW Golf Course	0	0.05	0.50	No
Trinitrotoluene, 2,4,6-	12	33	0	2	DW Golf Course	0	0.02	0.02	No
<b>Golf Course 9 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	32	100	60	60	DW Golf Course	16	1.00	6.70	Yes
Lead (and compounds) (inorganic)	149	96	427	118	DW Golf Course	45	3.60	22.90	Yes
Nitroglycerine	11	9	0	6,580	DW Golf Course	0	0.00	0.00	No
Trinitrotoluene, 2,4,6-	20	20	0	2	DW Golf Course	0	0.07	0.20	No
<b>Golf Course 9 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	11	100	10	60	DW Golf Course	0	0.20	0.70	No
Benzo(b)Fluoranthene	1	100	0	126	DW Golf Course	0	0.00	0.00	No
Chrysene	1	100	0	12,600	DW Golf Course	0	0.00	0.00	No
Copper	10	100	28	90,900	DW Golf Course	0	0.00	0.00	No
Lead (and compounds) (inorganic)	59	29	17	118	DW Golf Course	2	0.10	2.80	Yes
Nitroglycerine	77	1	0	6,580	DW Golf Course	0	0.00	0.00	No
Trinitrotoluene, 2,4,6-	77	5	0	2	DW Golf Course	1	0.01	1.40	No

Notes:

<sup>(1)</sup> Frequency of Exceedence of Standard. A value > 10 triggers MTCA COPC = Yes.<sup>(2)</sup> Ratio of RME concentration to Standard. A value > 1 triggers MTCA COPC = Yes.<sup>(3)</sup> Ratio of MAX concentration to Standard. A value > 2 triggers MTCA COPC = Yes.<sup>(4)</sup> Ecology Agreement for TPH that originated as Bunker C fuel. One area (Area 26 in GC-04 has TPH (418.1) that did not originate from Bunker C fuel. Those TPH data were compared to the MTCA value of 2,000 ng/kg for heavy oils.

**Table F-51 – Comparison of Historical EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
<b>Historical 1 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	3	100	68	32	DW Historical	67	2.10	2.10	Yes
Lead (and compounds) (inorganic)	3	100	190	118	DW Historical	33	1.60	1.60	Yes
<b>Historical 2 (0 to &lt;=1 foot)</b>									
Aldrin	1	100	1	0	DW Historical	100	2.00	2.00	Yes
Aluminum	1	100	15,000	825,000	DW Historical	0	0.02	0.02	No
Arsenic (inorganic)	8	100	73	32	DW Historical	75	2.30	2.30	Yes
Lead (and compounds) (inorganic)	8	100	280	118	DW Historical	25	2.40	2.40	Yes
Oil And Grease	1	100	120	2,000	DW Historical	0	0.06	0.06	No
<b>Historical 3 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	8	100	110	32	DW Historical	13	3.40	4.70	Yes
Lead (and compounds) (inorganic)	8	100	450	118	DW Historical	50	3.80	3.80	Yes

Notes:

(1) Frequency of Exceedence of Standard. A value &gt; 10 triggers MTCA COPC = Yes.

(2) Ratio of RME concentration to Standard. A value &gt; 1 triggers MTCA COPC = Yes.

(3) Ratio of MAX concentration to Standard. A value &gt; 2 triggers MTCA COPC = Yes.



**Table F-52 – Comparison of Industrial EU to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion (1)	MTCA UCL Criterion(2)	MTCA 2X Criterion (3)	COPC
<b>Industrial 1 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	134	99	52	90	DW Industrial	9	0.60	2.00	No
Lead (and compounds) (inorganic)	144	98	169	1,000	DW Industrial	2	0.20	2.00	No
<b>Industrial 1 (1 to &lt;=15 feet)</b>									
Aluminum	5	100	14,000	3,500,000	DW Industrial	0	0.00	0.00	No
Arsenic (inorganic)	17	100	12	90	DW Industrial	0	0.10	0.80	No
Benzo(a)Anthracene	15	7	0	180	DW Industrial	0	0.00	0.00	No
Benzo(a)Pyrene	15	7	0	18	DW Industrial	0	0.01	0.01	No
Benzo(b)Fluoranthene	15	7	0	180	DW Industrial	0	0.00	0.00	No
Benzo(g,h,i)Perylene	16	6	0	No STD		--	--	--	No
Benzo(k)Fluoranthene	15	7	0	1,800	DW Industrial	0	0.00	0.00	No
Chrysene	16	6	0	18,000	DW Industrial	0	0.00	0.00	No
Copper	15	100	41	130,000	DW Industrial	0	0.00	0.00	No
Dibenz(a,h)anthracene	16	6	0	18	DW Industrial	0	0.00	0.00	No
Indeno(1,2,3-cd)pyrene	16	6	0	180	DW Industrial	0	0.00	0.00	No
Lead (and compounds) (inorganic)	45	67	60	1,000	DW Industrial	2	0.06	1.50	No
Mercury (inorganic)	15	27	0	24	DW Industrial	0	0.00	0.01	No
Phenanthrene	16	13	0	No STD		--	--	--	No
TPH (418.1)	12	8	38	7,600	DW Industrial	0	0.01	0.03	No
Trinitrotoluene, 2,4,6-	38	8	0	2	DW Industrial	0	0.03	0.10	No

Notes:

(1) Frequency of Exceedence of Standard. A value &gt; 10 triggers MTCA COPC = Yes.

(2) Ratio of RME concentration to Standard. A value &gt; 1 triggers MTCA COPC = Yes.

(3) Ratio of MAX concentration to Standard. A value &gt; 2 triggers MTCA COPC = Yes.



**Table F-53 – Comparison of Open Space EUs to Soil Cleanup Levels and Remediation Levels**

Constituent	Number of Samples	Frequency of Detection	MTCA UCL	Standard	Standard Description	MTCA 10% Criterion <sup>(1)</sup>	MTCA UCL Criterion <sup>(2)</sup>	MTCA 2X Criterion <sup>(3)</sup>	COPC
<b>Open Space 1 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	4	100	10	32	DW Open Space	0	0.30	0.30	No
Copper	3	100	100	30,500	DW Open Space	0	0.00	0.00	No
Lead (and compounds) (inorganic)	3	100	410	118	DW Open Space	100	3.50	3.50	Yes
Mercury (inorganic)	3	100	1	24	DW Open Space	0	0.05	0.05	No
TPH (418.1)	3	100	1,900	7,600	DW Open Space	0	0.30	0.30	No
<b>Open Space 2 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	45	100	296	32	DW Open Space	62	9.20	13.80	Yes
Lead (and compounds) (inorganic)	50	96	757	118	DW Open Space	26	6.40	101.70	Yes
<b>Open Space 2 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	3	100	120	32	DW Open Space	33	3.80	3.80	Yes
Copper	2	100	14	30,500	DW Open Space	0	0.00	0.00	No
<b>Open Space 3 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	16	100	60	32	DW Open Space	31	1.90	3.40	Yes
Lead (and compounds) (inorganic)	6	100	38	118	DW Open Space	0	0.30	0.30	No
<b>Open Space 3 (1 to &lt;=15 feet)</b>									
Arsenic (inorganic)	1	100	4	32	DW Open Space	0	0.10	0.10	No
<b>Open Space 4 (0 to &lt;=1 foot)</b>									
Arsenic (inorganic)	17	100	36	32	DW Open Space	24	1.10	1.80	Yes
Lead (and compounds) (inorganic)	7	86	101	118	DW Open Space	0	0.90	0.90	No
<b>Open Space 4 (1 to &lt;=15 feet)</b>									
Lead (and compounds) (inorganic)	3	67	22	118	DW Open Space	0	0.20	0.20	No

Notes:

(1) Frequency of Exceedence of Standard. A value &gt; 10 triggers MTCA COPC = Yes.

(2) Ratio of RME concentration to Standard. A value &gt; 1 triggers MTCA COPC = Yes.

(3) Ratio of MAX concentration to Standard. A value &gt; 2 triggers MTCA COPC = Yes.